1900.

CITY AND COUNTY OF KINGSTON UPON HULL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

J. WRIGHT MASON, M.B., C.M., D.P.H., M.R.C.S.E.,

MEDICAL OFFICER OF HEALTH.

HULL:
M. HARLAND AND SON, PRINTERS, MANOR STREET.

1901.

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Vice-Chairman—Mr. Councillor COHEN.

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Mr. Councillor W. J. ATKINSON, J.P., Mr. Councillor MILLINGTON, J.P.,

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Mr. Councillor SKINNER.

The Mayor (Mr. Alderman GELDER, J.P.) (*ex-officio*).

Ex-Mayor (Mr. Alderman CROOK) *ex-officio*).

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CITY AND COUNTY OF KINGSTON UPON HULL.

TOWN HALL.

To the Sanitary Committee.

GENTLEMEN,

I have the honour to submit to you my Annual Report for the year ended 31st December, 1900, comprising the Statistical Returns of the Deaths in the City, the measures adopted for the prevention of disease, and the work done in the Sanitary Department.

I am, Gentlemen,

Your obedient Servant,

J. WRIGHT MASON.

City and County of Kingston upon Hull.

REPORT, 1900.

VITAL AND MORTAL STATISTICS.

Births.

During the twelve months ended 31st December, 1900, there were registered in the City and County of Kingston upon Hull, according to the returns furnished by the Registrars, 7820 Births and 4610 Deaths. Of the Births, 4077 were males and 3743 females.

The Birth-rate was equal to 32·7 per 1000 of a population of 238736 of all ages, the official estimated population to the middle of 1900, residing in 59,730 houses, this being an average of 3·9 persons to each inhabited house. The average Birth-rate for the thirty-three great towns was 29·4 per 1000.

The excess of Births over Deaths in 1900, representing the natural increase of the population, was 3210, against 3519 and 3555 in the years 1899 and 1898 respectively.

The average density of population per acre in 1900 was 25·9. The average density of the thirty-three largest towns in England was 33·8 per acre.

The annual rateable value of the City in 1900-1901 was £956,519.

Deaths.

The annual Death-rate from all causes for the year under notice was equal to 19·2 per 1000, namely :—

1st quarter.	2nd quarter.	3rd quarter.	4th quarter.
22·3	16·4.	20·5	17·8

Of the Deaths, 2477 were males and 2133 females.

The Death-rate, according to the Registrar-General's returns for thirty-three of the largest towns in England and Wales, including London, averaged 19·5 per 1000 per annum, and ranged from 25·7 in Liverpool, 25·1 in Salford, 24·1 in Manchester and 24·0 in Preston.

The following table gives the annual Birth-rate and Death-rate, with the corresponding Zymotic death-rate for the years 1873 to 1900 :—

Year.	Births.	Deaths.	Population.	Birth-rate per 1,000.	Death-rate per 1,000.	Zymotic-rate per 1,000.
1873	5153	3101	128,225	40	24	3
1874	5353	3340	131,315	40	25	5
1875	5436	3666	134,480	40	27	6
1876	5726	3131	137,630	41	22	3
1877	5822	3032	141,050	41	21	2
1878	6004	3471	144,450	41	24	4
1879	5885	3311	147,940	38	22	2
1880	5650	3532	151,500	37	23	4
1881	5634	3677	155,160	36	23	6
1882	5761	3705	158,814	36	23	4
1883	6353	3970	176,296	36	22	2
1884	6803	3834	181,225	37	21	3
1885	6269	3221	186,292	33	17	1
1886	6387	3563	191,501	33	18	2
1887	6462	3718	196,855	32	18	2
1888	6230	3297	202,359	30	16	1
1889	6820	4157	208,017	32	19	2
1890	6612	4047	213,833	31	19	1
1891	6922	4133	200,934	34	20	1
1892	8572	3965	204,750	41	19	2
1893	7109	4503	208,639	34	21	4
1894	6854	3604	212,679	32	16	1
1895	7340	4445	216,722	33	20	3
1896	7011	4131	220,844	31	18	3
1897	7465	4089	225,045	33	18	2
1898	7696	4141	229,887	33	18	2
1899	7931	4412	234,270	33	18	3
1900	7820	4610	238,736	32	19	3

Infantile Mortality.

The Infantile Mortality, measured by the proportion of deaths under one year of age to births registered, was 183 per 1000. For the thirty-three most populous towns in England and Wales, the proportion of deaths under one year to births registered, averaged 172 per 1000.

No. 1.—TABULATED RETURN, SHEWING THE TOTAL NUMBER OF DEATHS FOR THE YEAR 1900, AT CERTAIN AGES.

Districts.	Under One Year.	1 Year and Under 5.	5 Years and Under 15.	15 Years and Under 25.	25 Years and Under 35.	35 Years and Under 45.	45 Years and Under 55.	55 Years and Under 65.	65 Years and Under 75.	75 Years and Under 85.	85 Years and Upwards.	Totals.
Drypool	282	144	32	42	40	28	41	47	58	37	8	759
Sutton.....	100	56	7	3	8	9	14	19	20	11	3	250
East Sculcoates...	103	47	7	8	15	13	19	21	36	29	8	306
West Sculcoates..	206	81	18	37	28	50	70	64	94	87	22	757
Humber	184	124	27	68	56	75	94	89	79	40	7	843
Myton	312	141	33	37	48	75	67	104	104	76	14	1011
Newington.....	201	74	19	27	23	31	30	39	36	29	8	517
Newland.....	40	14	5	11	10	10	6	13	14	9	8	140
Stoneferry	6	1	1	1	2	...	...	1	4	...	...	16
Marfleet	2	...	...	...	...	...	2	1	...	4	2	11
Totals ...	1436	682	149	234	230	291	343	398	445	322	80	4610

Table No. 2.—Shewing the Deaths Registered from all causes, with classification of ages, during the year 1900.

	AGES.											Totals.
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and upwds.	
I. Specific Febrile, or Zymotic Diseases	396	242	32	23	17	16	7	6	9	5	...	753
II. Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...
III. Dietetic Diseases	8	1	...	1	3	3	...	4	...	...	...	20
IV. Constitutional Diseases	68	83	53	106	88	83	92	75	55	17	3	723
V. Developmental Diseases	123	...	...	...	...	...	...	6	56	130	46	361
VI. Local Diseases	490	302	44	71	102	153	214	271	304	163	27	2141
VII. Violence	29	24	14	26	13	17	15	18	8	1	1	166
VIII. Ill-Defined & Not Specified Causes	322	30	6	7	7	19	15	18	13	6	3	446
Totals	1436	682	149	234	230	291	343	398	445	322	80	4610
I.—Specific Febrile, or Zymotic Diseases.												
1.—Miasmatic Diseases.												
Small-pox	...	3	2	2	3	4	1	2	...	...	...	17
Measles	25	101	3	...	...	...	1	...	...	...	...	130
Scarlet Fever	5	22	11	3	1	...	...	...	...	...	...	42
Typhus	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	28	38	2	...	...	...	...	...	...	...	...	68
Diphtheria	...	10	5	...	...	...	...	...	...	...	...	15
Simple Continued and Ill-defined Fever	...	...	...	...	...	...	...	...	...	...	...	...
Enteric or Typhoid Fever	...	...	8	17	8	7	5	1	2	...	...	48
Other Miasmatic Diseases	...	...	...	...	...	...	...	...	...	...	...	...
2.—Diarrhœal Diseases.												
Cholera	...	...	...	...	...	...	...	...	...	...	...	...
Choleraic Diarrhœa	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	322	68	1	...	1	...	...	2	6	4	...	404
English Cholera	...	...	...	...	...	...	...	...	...	...	...	...
3.—Malarial Diseases.												
Intermittent Fever	...	...	...	...	...	...	...	...	...	...	...	...
4.—Zoogenous Diseases.												
Cow-pox and effects of Vaccination	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases (*e.g.*, Hydrophobia, Glanders, Splenic Fever)	...	...	...	...	...	...	...	...	...	...	...	...
5.—Venereal Diseases.												
Syphilis	12	...	...	...	...	1	...	1	...	...	...	14
Gonorrhœa, Stricture of Urethra	...	...	...	...	...	...	...	...	...	...	...	...
6.—Septic Diseases.												
Erysipelas	4	...	...	...	1	1	...	...	1	1	...	8
Pyæmia, Septicæmia	...	...	...	...	...	1	...	...	...	...	...	1
Puerperal Fever	...	...	...	1	3	2	...	...	...	...	...	6

Table 2.—*Continued.*

	AGES.											TOTALS.
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and upwds.	
II.—Parasitic Diseases.												
Thrush, and other Vegetable Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...
Worms, Hydatids, and other Animal Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...
III.—Dietetic Diseases.												
Want of Breast Milk, Starvation, Improper Feeding	8	1	...	...	...	...	...	...	...	...	...	9
Scurvy	...	...	...	...	...	...	...	...	...	...	...	...
Chronic Alcoholism	...	...	...	1	2	3	...	2	...	...	...	8
Delirium Tremens	...	...	...	...	1	...	...	2	...	...	...	3
IV.—Constitutional Diseases.												
Rheumatic Fever, Rheumatism of the Heart	1	...	3	3	1	...	...	2	2	...	...	12
Rheumatism	...	1	...	1	1	...	1	...	...	...	...	4
Gout	...	...	...	...	...	...	1	1	...	...	1	3
Rickets	...	2	...	...	...	...	...	...	...	...	...	2
Cancer, Malignant Disease	...	3	4	2	6	11	35	44	38	15	1	159
Tabes Mesenterica	5	6	2	...	1	...	...	...	...	...	...	14
Tubercular Meningitis, Hydrocephalus	35	40	17	10	4	...	...	...	...	...	...	106
Phthisis	8	10	17	79	67	56	43	17	8	...	...	305
Other forms of Tuberculosis, Scrofula	14	19	8	6	1	10	7	6	2	...	1	74
Purpura, Hemorrhagic Diathesis	...	...	...	...	...	...	...	...	...	...	...	...
Anæmia, Chlorosis, Leucocythæmia	...	...	1	3	3	2	1	...	3	...	...	13
Glycosuria, Diabetes Mellitus	...	...	1	1	3	3	3	4	...	1	...	16
Other Constitutional Diseases	5	2	...	1	1	1	1	1	2	1	...	15
V.—Developmental Diseases.												
Premature Birth	115	...	...	...	...	...	...	...	...	...	...	115
Atelectasis	5	...	...	...	...	...	...	...	...	...	...	5
Congenital Malformations	3	...	...	...	...	...	...	...	...	...	...	3
Old Age	...	...	...	...	...	...	...	6	56	130	46	238
VI.—Local Diseases.												
1.—DISEASES OF NERVOUS SYSTEM.												
Inflammation of Brain or Membranes	1	2	...	...	1	...	2	...	...	...	...	6
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis	1	3	1	3	3	20	34	56	72	37	6	236
Insanity, General Paralysis of the Insane	...	...	...	...	...	1	4	1	1	1	...	8
Epilepsy	...	1	1	2	2	3	2	4	1	...	...	16
Convulsions	158	25	3	...	2	...	...	...	...	...	...	188
Laryngismus Stridulus (Spasm of Glottis)	2	...	...	...	1	...	...	...	..	...	...	3
Disease of Spinal Cord, Paraplegia, Paralysis Agitans	6	1	...	1	1	4	2	3	3	1	...	22
Other Diseases of Nervous System	1	...	...	1	...	1	...	...	...	...	...	3

Table No. 2.—*Continued.*

	AGES.											TOTALS.
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and upwds.	
2.—DISEASES OF ORGANS OF SPECIAL SENSE.												
(*e.g.*, of Ear, Eye, Nose)	...	...	...	...	...	...	...	...	...	...	...	...
3.—DISEASES OF CIRCULATORY SYSTEM.												
Pericarditis	...	1	1	...	...	...	...	...	...	...	...	2
Acute Endocarditis	...	...	1	1	3	...	3	1	1	...	...	10
Valvular Diseases of Heart	...	...	3	...	1	6	5	9	7	3	1	35
Other Diseases of Heart	2	...	4	7	22	25	56	45	57	30	7	255
Aneurism	...	...	...	1	5	4	2	1	2	...	...	15
Embolism, Thrombosis	2	1	...	...	2	1	2	2	2	2	...	14
Other Diseases of Blood Vessels	...	...	...	1	...	...	...	...	...	...	...	1
4.—DISEASES OF RESPIRATORY SYSTEM.												
Laryngitis	3	3	...	...	...	1	...	...	1	...	...	8
Croup	3	12	2	...	...	...	...	...	...	...	...	17
Emphysema, Asthma	...	...	...	1	2	1	2	6	2	1	1	16
Bronchitis	148	77	3	...	7	20	31	53	82	54	6	481
Pneumonia	80	129	15	14	15	20	10	23	12	5	...	323
Pleurisy	...	...	...	2	2	1	...	1	...	...	...	6
Influenza	4	2	2	6	8	6	12	21	25	17	5	108
Other Diseases of Respiratory System	...	...	...	...	...	...	...	...	...	...	...	...
5.—DISEASES OF DIGESTIVE SYSTEM.												
Dentition	38	28	...	...	...	...	...	...	...	...	...	66
Sore Throat, Quinsy	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of Stomach	8	2	...	9	2	...	2	4	5	2	...	34
Enteritis and Dysentery	19	1	...	1	1	...	2	1	1	...	...	26
Obstructive Diseases of Intestine	2	2	...	3	1	3	7	3	6	...	...	27
Peritonitis	...	3	5	5	4	4	2	2	2	1	...	28
Ascites	...	...	...	...	...	...	...	1	...	...	...	1
Cirrhosis of Liver	...	...	...	1	2	12	11	10	4	...	...	40
Jaundice and other Diseases of Liver	9	2	...	...	...	3	3	4	...	1	...	22
Other Diseases of Digestive System	...	...	...	...	...	...	...	...	...	...	...	...
6.—DISEASES OF LYMPHATIC SYSTEM.												
(*e.g.*, of Lymphatics and of Spleen)	...	...	...	...	...	...	1	...	...	...	...	1
7.—DISEASES OF GLAND-LIKE ORGANS OF UNCERTAIN USE.												
(*e.g.*, Bronchocele, Addison's Disease)	...	1	...	...	...	...	...	1	...	...	...	2
8.—DISEASES OF URINARY SYSTEM.												
Nephritis	1	2	1	4	...	3	4	6	4	1	...	26
Bright's Disease, Albuminuria	...	2	1	3	1	7	4	6	5	2	1	32
Disease of Bladder or of Prostate	...	...	...	...	...	2	1	...	4	3	...	10
Other Diseases of the Urinary System	...	1	...	1	3	...	7	4	3	2	...	21

Table No. 2.—*Continued.*

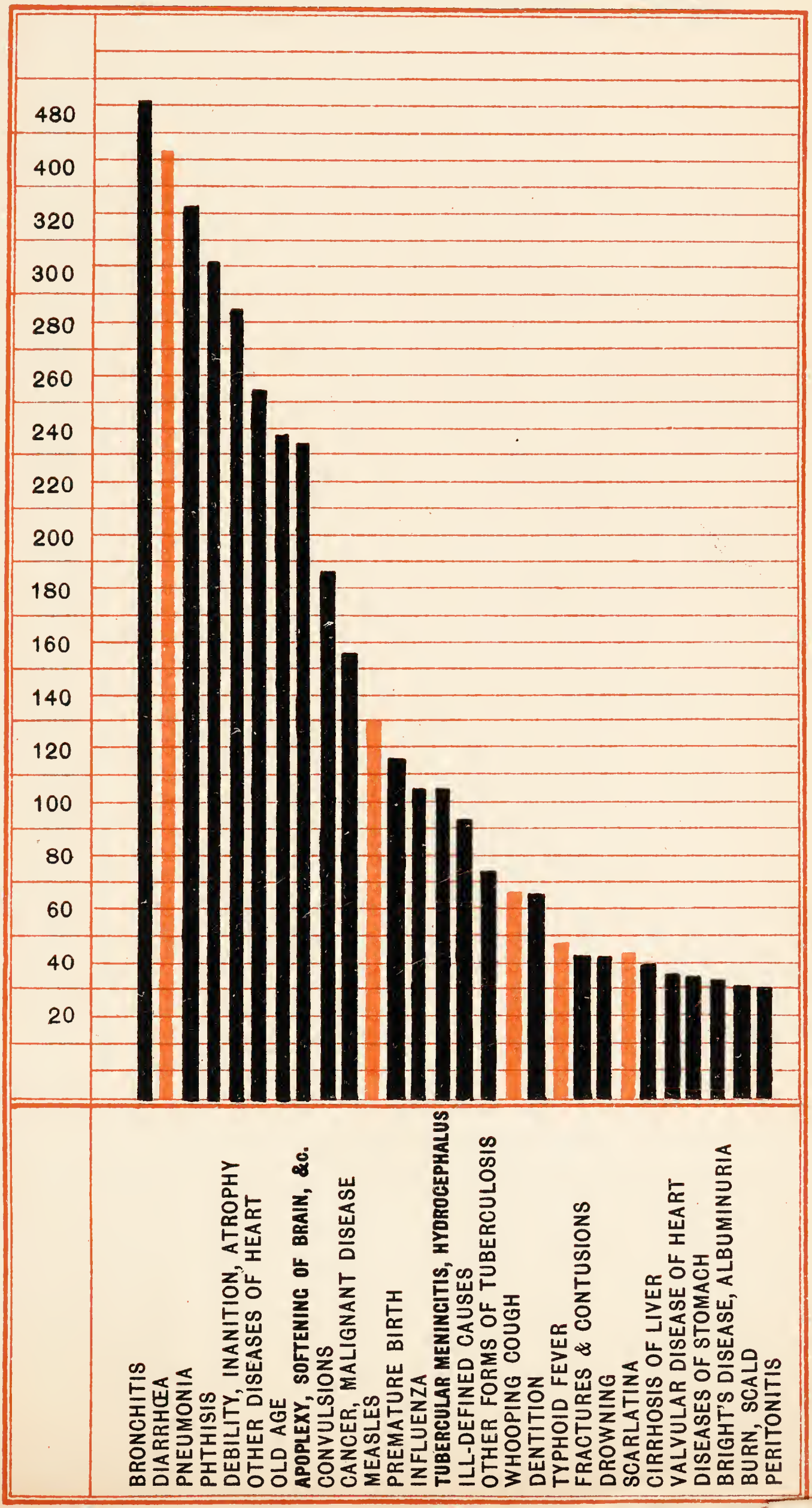
	AGES.											Totals.
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and upwds.	
9.—Diseases of Reproductive System.												
A. *Of Organs of Generation.*												
Male Organs	...	...	...	...	...	...	...	...	...	...	...	...
Female Organs	...	...	...	1	1	1	1	...	...	...	...	4
B. *Of Parturition.*												
Abortion, Miscarriage	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Convulsions	...	...	...	...	...	...	...	...	...	...	...	...
Placenta prævia, Flooding	...	...	...	1	1	...	...	...	...	...	...	2
Other Accidents of Child Birth	...	...	...	...	5	3	1	...	...	...	...	9
10.—Diseases of Bones & Joints.												
Caries, Necrosis	...	1	1	1	3	1	...	1	...	...	...	8
Arthritis, Ostitis, Periostitis	...	...	...	...	...	...	1	2	...	...	...	3
Other Diseases of Bones and Joints	2	...	...	1	1	...	...	...	...	...	...	4
11.—Diseases of Integumentary System.												
Carbuncle, Phlegmon	...	...	...	...	...	...	...	...	2	...	...	2
Other Diseases of Integumentary System	...	...	...	...	...	...	...	...	...	...	...	...
VII.—Violence.												
1.—Accident or Negligence.												
Fractures and Contusions	2	1	2	8	4	6	7	6	4	1	1	42
Gunshot Wounds	...	...	...	...	...	...	...	...	...	...	...	...
Cut, Stab	...	...	...	...	...	...	...	...	...	...	...	...
Burn, Scald	...	21	3	2	2	...	...	1	1	...	...	30
Poison	...	...	...	...	1	2	...	2	...	...	...	5
Drowning	...	1	8	12	4	6	4	4	3	...	...	42
Suffocation	20	...	...	1	...	...	1	...	...	...	...	22
Otherwise	7	1	...	...	...	...	...	1	...	...	...	9
2.—Homicide.												
Manslaughter	...	...	...	...	...	...	...	...	...	...	...	...
Murder	...	...	...	1	...	...	...	...	...	...	...	1
3.—Suicide.												
Gunshot Wounds	...	...	...	...	...	...	...	...	...	...	...	...
Cut, Stab	...	...	...	...	1	1	...	...	...	...	...	2
Poison	...	...	...	1	...	...	...	...	...	...	...	1
Drowning	...	...	...	...	...	1	...	1	...	...	...	2
Hanging	...	...	...	1	1	1	3	3	...	...	...	9
Otherwise	...	...	1	...	...	...	...	...	...	...	...	1
VIII.—Ill-Defined and Not Specified Causes.												
Dropsy	...	...	...	...	...	...	...	1	...	...	...	1
Debility, Atrophy, Inanition	266	17	...	...	...	...	1	3	...	...	...	287
Mortification	...	...	1	...	...	3	1	2	3	3	1	14
Tumour	...	...	...	1	2	6	4	3	2	...	...	18
Abscess	6	1	2	2	3	6	3	3	...	...	...	26
Hæmorrhage	1	...	...	1	1	2	1	...	1	...	...	7
Sudden Death (cause not ascertained)	...	...	...	...	...	...	...	...	...	...	...	...
Causes not specified or ill-defined	49	12	3	3	1	2	5	6	7	3	2	93

Summary of Table No. 2.

	No. of Deaths.
I.—Specific Febrile, or Zymotic Diseases—	
1. Miasmatic Diseases	320
2. Diarrhœal ,,	404
3. Malarial ,,	...
4. Zoogenous ,,	...
5. Venereal ,,	14
6. Septic ,,	15
II.—Parasitic Diseases	...
III.—Dietetic Diseases	20
IV.—Constitutional Diseases	723
V.—Developmental Diseases	361
VI.—Local Diseases—	
1. Diseases of Nervous System	482
2. Diseases of Organs of Special Sense	...
3. Diseases of Circulatory System	332
4. Diseases of Respiratory System	959
5. Diseases of Digestive System	244
6. Diseases of Lymphatic System	1
7. Diseases of Gland-like Organs of Uncertain Use	2
8. Diseases of Urinary System	89
9. Diseases of Reproductive System—	
(*a*). Diseases of Organs of Generation	4
(*b*). Diseases of Parturition	11
10. Diseases of Bones and Joints	15
11. Diseases of Integumentary System	2
VII.—Violence—	
1. Accident or Negligence	150
2. Homicide	1
3. Suicide	15
VIII.—Ill-Defined and not Specified Causes	446
TOTAL	4610

CHART shewing the COMPARATIVE NUMBER of the TWENTY-EIGHT principal causes of DEATH during the year 1900.

Deaths from Zymotic Diseases
Deaths from Other Diseases



No. 3.—TABLE SHEWING BIRTHS, DEATHS, AND METEOROLOGICAL CONDITIONS, 1900.

1900. FORTNIGHT ENDED	TEMPERATURE. Mean	Highest	Lowest	Rainfall in inches	Mean humidity, saturation 100	Births	Birth-rate	DEATHS. All Causes	Under one year	Over one year and under five years	Over 25 years	DEATHS FROM ZYMOTIC DISEASES. Small Pox	Measles	Scarlatina	Diphtheria	Whooping Cough	Fevers	Deaths from Diarrhœa	DEATH RATE PER 1000. Zymotic	Diarrhœa	All causes
January 6 ...	36·1°	49·0°	19·0°	2·63	...	299	32·2	206	48	39	97	18	18	1	1	2	...	1	4·4	0·1	22·3
" 20 ...	36·9	48·0	27·0	0·57	94·7	318	34·5	218	48	33	123	3	13	3	...	..	...	1	2·2	0·1	23·7
February 3 ...	38·5	52·0	24·0	0·91	82·6	305	33·1	242	54	37	130	3	10	1	2	2	...	1	2·0	0·1	26·3
" 17 ...	31·5	46·0	18·0	1·27	...	310	33·7	229	52	30	130	5	6	...	...	2	...	...	1·4	....	24·9
March 3 ...	41·0	57·0	28·0	1·93	87·3	350	38·0	185	39	28	101	...	2	1	...	3	3	...	0·9	....	20·1
" 17 ...	39·3	53·0	25·0	0·40	77·0	325	35·3	188	54	24	93	1	6	1	...	1	2	...	1·1	....	20·4
" 31 ...	37·1	51·0	23·0	0·37	77·5	299	32·5	195	51	36	85	1	8	...	...	3	...	1	1·4	0.1	21·2
April 14 ...	43·5	61·0	23·0	0·70	76·6	290	31·5	201	64	30	96	...	8	...	2	4	2	1	1·8	0·1	21·8
" 28 ...	49·2	75·0	29·0	0·37	66·5	318	34·5	152	51	27	60	...	13	3	...	...	2	..	1·9	....	16·5
May 12 ...	48·5	65·0	32·0	1·02	75·2	309	33·6	143	43	23	64	...	5	1	1	3	...	1	1·1	0·1	15·5
" 26 ...	48·2	68·0	31·0	0·27	72·8	254	27·6	169	34	26	90	...	7	3	2	1	3	1	1·8	0·1	18·3
June 9 ...	53·2	70·0	43·0	0·38	67·6	285	31·0	127	33	17	66	...	5	1	1	...	1	...	0·8	....	13·8
" 23 ...	61·3	84·0	49·0	1·05	70·2	276	35·0	136	31	28	71	...	9	1	...	1	2	2	1·6	0.2	14·7
July 7 ...	58·1	71·0	45·0	1·40	75·7	299	32·6	123	28	17	66	...	6	2	...	4	...	3	1·6	0·3	13·4
" 21 ...	65·2	83·0	39·0	0·45	69·4	300	32·6	143	38	15	71	...	5	1	1	2	...	6	1·6	0·6	16·3
August 4 ...	64·2	85·0	47·0	1·49	74·5	306	33·2	140	54	18	54	...	3	7	...	2	...	18	3·2	1·9	15·2
" 18 ...	59·3	79·0	45·0	1·79	85·9	286	31·1	174	78	19	61	...	3	...	...	2	2	49	6·0	5·3	18·8
September 1 ...	58·1	72·0	42·0	1·79	82·0	336	36·5	245	141	29	60	...	...	...	1	1	2	110	12·4	11·9	26·6
" 15 ...	57·2	73·0	37·0	0·20	79·5	324	35·2	239	123	40	63	...	1	2	...	4	5	100	12·1	10·8	26·0
" 29 ...	56·1	72·0	40·0	0·97	85·2	303	32·9	199	88	24	74	...	...	1	...	2	6	54	6·8	5·8	21·6
October 13 ...	52·4	70·0	29·0	0·97	81·7	267	29·0	151	52	16	17	...	1	...	...	1	1	26	3·1	2·8	16·4
" 27 ...	45·4	60·0	32·0	1·63	85·2	303	32·9	170	42	29	84	...	3	1	1	2	7	16	3·2	1·7	18·4
November 10 ...	47·0	60·0	34·0	1·33	88·1	326	35·4	150	33	18	82	...	3	3	1	...	3	3	1·4	0·3	35·4
" 24 ...	40·8	53·0	29·0	1·34	86·2	259	28·1	156	48	21	68	...	1	6	...	2	...	5	1·5	0·5	16·9
December 8 ...	43·7	55·0	36·0	1·34	88·5	291	31·6	167	53	29	70	...	2	1	...	15	2	4	2·6	0·4	18·1
" 22 ...	45·1	56·0	32·0	0·44	84·1	282	30·6	159	50	18	74	...	2	2	1	5	3	...	1·4	....	17·2

No. 4.—MORTALITY IN TWENTY LARGE TOWNS, 1883-1900.

Cities and Boroughs.	Annual Death-rate per 1000 living (in years of 52 or 53 weeks).																	
	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
London	20·4	20·3	19·7	19·9	19 6	18·5	17·4	20·3	21·4	20·6	21·3	17·8	19·8	18·6	18·2	18·7	19·8	18·8
Liverpool	26·7	25·2	23·8	23·8	23·7	20·3	21·6	23·6	27·4	24·7	27·3	23·8	28·8	22·7	24·4	24·0	26·4	25·7
Manchester	27·6	26·4	26·5	26·3	28·7	26·1	26·7	30·6	26·5	23·8	24·9	20·4	25·2	22·6	23·1	21·9	24·6	24·1
Birmingham	21·3	21·3	19·3	19·9	19·7	17·8	18·7	20·7	22·2	20·4	22·0	18·6	20·3	20·8	21·6	20·0	20·8	21·5
Leeds	23·3	24·1	19·9	21·9	21·1	20·6	22·1	22·6	22·9	19·8	22·3	17·9	20·5	18·8	19·9	19·2	19·1	20·0
Sheffield	22·9	23·3	20·7	19·8	21·6	20·5	20·9	24·9	23·9	20·8	22·3	17·8	20·5	19·3	21·2	20·2	22·2	22·6
Bristol	17·9	18·3	19·7	19·3	20·4	16·9	17·6	19·2	20·9	19·5	18·9	17·3	18·1	16·9	17·2	17·2	18·2	16·7
*West Ham	...	...	...	...	...	...	...	...	...	18·6	18·9	16·2	17·9	18·6	15·7	15·4	16·7	15·9
Bradford	18·3	20·1	17·7	19·2	19·9	17·1	19·2	20·4	22·2	18·0	21·0	17·0	19·9	16·5	17·4	17·6	18·4	16·4
Nottingham	21·3	22·9	19·9	20·4	18·7	17·3	17·0	16·5	19·9	18·7	18·5	17·2	19·0	17·5	18·8	17·7	20·0	19·1
Hull	**22·5**	**21·1**	**17·2**	**18·8**	**19·2**	**16·4**	**20·3**	**19·2**	**21·0**	**19·6**	**21·8**	**17·4**	**20·8**	**18·9**	**18·6**	**18·4**	**19·3**	**19·7**
Newcastle	25·5	23·1	21·1	22·2	25·3	20·6	25·2	25·9	23·8	19·7	21·0	18·3	20·5	18·5	19·1	21·4	20·6	19·5
Salford	22·4	22·3	21·1	21·1	22·2	21·1	20·5	22·4	26·0	24·6	24·1	21·0	25·6	22·6	23·9	22·7	23·8	25·1
Leicester	19·4	22·0	19·8	20·3	19·5	18·3	16·9	17·9	21·7	18·2	20·0	14·7	17·2	16·7	17·7	16·9	17·7	17·4
Portsmouth	18·6	19·3	17·1	23·8	19·5	18·8	18·1	19·6	19·0	18·5	18·2	15·2	17·8	16·6	16·2	16·3	19·7	17·3
Cardiff	20·2	24·4	25·7	22·6	21·9	20·5	19·5	20·8	22·1	18·8	19·7	16·2	18·2	16·8	14·9	14·8	15·4	13·8
*Bolton	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19·9	19·5
Oldham	22·0	24·4	22·0	22·8	23·8	20·3	20·4	21·2	25·7	22·0	21·0	18·6	22·0	20·3	19·2	17·6	20·5	19·6
Sunderland	24·5	23·0	23·8	19·5	19·7	18·1	22·9	22·7	25·0	20·9	22·5	20·8	21·8	19·8	19·7	22·6	21·5	21·4
Blackburn	24·5	24·1	21·8	25·5	25·5	23·9	25·5	23·5	25·8	21·7	23·3	17·9	24·3	17·9	19·5	18·4	19·1	20·5

*Note—These towns were not included in previous years.

No. 5.—TABLE SHEWING THE BIRTH-RATE, DEATH-RATE, ZYMOTIC AND INFANTILE MORTALITY, AND THE DISTRICTS IN WHICH THEY HAVE OCCURRED, 1900.

DISTRICT.	Estimated Population.	Area in acres.	Persons to an acre.	Birth-rate per 1000.	Death-rate from all causes per 1000.	Zymotic Death-rate per 1000.	Rate per 1000 of Deaths from all causes under 1 year.	Rate per 1000 of Deaths from all causes over 1 year and under 5 years.
Drypool	37279	1752	21·2	38·4	20·1	3·8	7·6	3·8
Sutton	15232	305	49·9	33·2	16·7	3·2	6·6	3·7
East Sculcoates .	15742	284	55·4	33·3	19·1	3·7	6·4	2·9
West Sculcoates.	47378	493	96·1	25·0	16·2	1·9	4·3	1·7
Humber	39786	409	97·2	22·0	21·1	2·7	4·6	3·1
Myton	48784	722	67·5	35·7	20·6	3·1	6·3	2·8
Newington	24449	1498	16·3	49·9	21·6	4·2	8·3	3·0
Newland	8735	1872	4·6	34·5	15·5	1·5	4·4	1·5
Stoneferry	1052	582	1·8	...	...	...	...	...
Marfleet	299	1285	0·2	...	...	...	...	...
City Total.....	238736	9202	25·9	32·7	19·2	3·0	6·0	2·8

Marriages.

During the year 1900 the number of marriages registered in the City was 2107, as against 2060 in 1899, 2160 in 1898, and 2202 in 1897. The marriages were distributed over the four quarters of the year as follows:—First quarter, 410; second quarter, 544; third quarter, 554; fourth quarter, 599.

The marriage rate, *i.e.*, persons married to 1000 inhabitants, was 17·6 in 1900 as against 17·5 in 1899, 18·6 in 1898, and 19·5 in 1897.

The marriage rate in England and Wales was 16·0 per 1000, compared with 16·5 in 1899, 18·7 in 1898, and 16·0 in 1897.

The following table shews the number of marriages that have taken place in Hull during the undermentioned years:—

Year.	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
No of Marriages	1824	1764	1798	1872	1636	1845	1841	1977	2202	2160	2060	2107

Specific Febrile, or Zymotic Diseases.

This class of diseases accounted for 753 deaths, as against 821 in the year 1899 and 636 in the year 1898, the death-rate for 1900 being equal to an annual rate of mortality of 3·1 per 1000 persons living.

Seven Principal Zymotic.

Seven hundred and twenty-four deaths have been recorded from the seven principal Zymotic diseases; a mortality at the rate of 3·0 per 1000 of the population, and distributed over the four quarters of the year as follows:—First quarter, 101; second quarter, 97; third quarter, 402; and fourth quarter, 124 respectively.

The average number of deaths from the seven principal Zymotics for the past 20 years was 565.

The death-rate from these diseases during the year 1900 in the thirty-three great towns, including London, averaged 2·50 of their estimated population. The highest aggregate death-rates from the seven principal Zymotic diseases above enumerated were 4·37 in Preston, 4·33 in Sheffield, 3·98 in Salford, and 3·65 in Wolverhampton.

The following table shews the deaths per 1000 from the seven principal Zymotic diseases in Kingston upon Hull for the years 1873 to 1900 :—

Year.	Seven Zymotic Diseases.	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa
1873	3·90	0·20	0·31	0·28	0·05	0·33	0·95	1·77
1874	5·25	0·02	0·38	1·40	0·09	0·37	1·29	1·69
1875	6·16	0·01	0·23	2·07	0·05	1·00	0·80	1·99
1876	3·52	0·00	0·33	0·42	0·07	0·44	0·55	1·71
1877	2·94	1·01	0·28	0·22	0·09	0·44	0·40	1·50
1878	4·13	0·01	0·03	0·14	0·04	0·40	0·65	2·87
1879	2·33	0·00	0·26	0·53	0·10	0·61	0·36	0·47
1880	4·80	0·00	1·34	0·40	0·03	0·95	0·31	1·75
1881	6·12	0·02	0·05	4·48	0·03	0·24	0·39	0·90
1882	4·59	0·10	0·52	1·66	0·05	0·18	0·37	1·68
1883	2·91	0·03	0·04	0·44	0·12	1·28	0·36	0·68
1884	3·53	0·09	0·47	0·29	0·14	0·34	0·40	1·82
1885	1·06	0·05	0·08	0·20	0·03	0·16	0·20	0·31
1886	2·33	0·00	0·14	0·24	0·02	0·40	0·14	1·37
1887	2·70	0·01	0·62	0·34	0·05	0·41	0·14	1·10
1888	1·16	0·09	0·01	0·18	0·04	0·21	0·16	0·42
1889	2·80	0·00	0·91	0·06	0·04	0·55	0·21	1·02
1890	1·61	0·01	0·07	0·11	0·07	0·32	0·17	0·85
1891	1·45	0·00	0·35	0·09	0·05	0·15	0·18	0·60
1892	2·43	0·00	0·70	0·11	0·04	0·54	0·15	0·85
1893	4·01	0·04	0·59	0·15	0·09	0·36	0·45	2·27
1894	1·57	0·01	0·42	0·17	0·08	0·37	0·15	0·33
1895	3·21	0·00	0·07	0·17	0·11	0·20	0·22	2·41
1896	3·20	0·00	1·15	0·24	0·17	0·47	0·27	0·86
1897	2·96	0·00	0·09	0·27	0·08	0·25	0·23	2·00
1898	2·63	0·00	0·34	0·11	0·04	0·29	0·24	1·58
1899	3·38	0·61	0·47	0·17	0·09	0·56	0·18	1·26
1900	3·02	0·07	0·54	0·17	0·06	0·28	0·20	1·69

No. 6.—TABLE SHEWING THE DEATHS FROM THE PRINCIPAL ZYMOTIC DISEASES IN THE TWENTY YEARS, 1881 TO 1900.

DISEASE.	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	Proportion of deaths to 1,000 deaths in 1899.	1900	Proportion of deaths to 1,000 deaths in 1900.
Cholera	...	...	...	...	...	...	...	...	..	...	...	2	12	...	...	...	...	...	...	.....	...	.....
„ (English)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	.....	...	.....
Small Pox	4	16	7	18	10	...	2	19	...	3	...	...	9	3	...	...	1	...	144	32·6	17	3·6
Measles	3	83	8	86	15	28	123	4	191	15	71	145	126	91	17	256	22	79	112	25·2	130	28·1
Scarlatina	682	263	74	43	38	47	67	38	13	25	19	24	33	37	38	54	62	27	42	9·5	42	9·1
Diphtheria	3	8	21	27	7	4	11	10	10	16	12	10	20	19	25	39	19	10	23	5·2	15	3·2
Whooping Cough	43	30	226	62	31	78	82	44	115	70	32	111	77	79	44	106	57	67	132	29·9	68	14·7
Fevers	62	60	58	73	38	27	29	34	44	35	37	31	96	34	49	61	53	57	43	9·7	48	10·4
Diarrhœa	137	266	119	331	59	262	217	86	213	183	122	176	474	72	524	191	451	365	295	6·6	404	87·6
Totals ...	934	726	513	640	198	446	531	235	586	347	293	499	847	335	697	707	666	605	791	179·2	724	157·0

No. 7.—TABLE SHEWING THE TOTAL NUMBER OF DEATHS AND THE DEATH RATE IN EACH DISTRICT DURING EACH QUARTER OF THE YEAR, also the Total Number of Deaths and the Death Rate in the City during the year 1900.

DISTRICTS.	1st QUARTER.		2nd QUARTER.		3rd QUARTER.		4th QUARTER.		Total No. of Deaths.	Death Rate per 1000.
	No. of Deaths.	Death Rate per 1000 per annum	No. of Deaths.	Death Rate per 1000 per annum	No. of Deaths.	Death Rate per 1000 per annum	No. of Deaths.	Death Rate per 1000 per annum		
Drypool	206	22·2	179	19·3	194	20·9	165	17·8	744	20·1
Sutton.....	58	15·4	67	17·8	72	19·2	54	14·4	251	16·6
East Sculcoates.....	96	24·0	53	13·2	76	19·0	82	20·5	307	19·1
West Sculcoates ...	209	17·7	178	15·1	178	15·1	198	16·8	763	16·2
Humber	230	23·0	187	18·7	230	23·0	199	19·9	846	21·1
Myton	346	28·2	189	15·4	268	21·8	209	17·0	1012	20·6
Newington.....	139	23·1	91	15·1	159	26·5	131	21·8	520	21·6
Newland.....	47	20·8	32	14·2	38	16·8	23	10·2	140	15·5
Stoneferry	2	...	4	...	7	...	3	...	16	...
Marfleet	5	...	2	...	3	...	1	...	11	...
City total.....	1338	22·3	982	16·4	1225	20·5	1065	17·8	4610	19·2

No. 8.—BIRTH RATE, DEATH RATE, AND ANALYSIS OF THE ZYMOTIC DEATH RATE IN TWENTY OF THE LARGEST TOWNS FOR THE YEAR ENDED DEC. 31st, 1900.

CITIES AND BOROUGHS.	Population.	ANNUAL RATE PER 1000 LIVING.																			
		Births in 52 weeks ended 29th Dec. 1900.	Total Deaths 52 Weeks ended				Deaths from									Deaths under 1 year to 1000 Births.	Annual Rate of Mortality per 1000 living.		Percentage to total deaths.		
			1st Jan., 1898.	31st Dec., 1898.	30th Dec., 1899.	29th Dec., 1900.	Zymotic Diseases. Total.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.	Violence.		Aged 1 to 60 years.	Aged 60 years and upwards.	Inquest cases.	Deaths in Public Institutions.	Uncertified causes of death
London	4,589,129	28·6	18·2	18·7	19·8	18·8	2·22	0·00	0·42	0·08	0·34	0·43	0·17	0·78	0·80	160	10·2	77·2	9·4	30·5	0·6
Liverpool	634,780	36·0	24·4	24·0	26·4	25·7	3·18	0·03	0·23	0·17	0·26	0·84	0·21	1·44	0·99	186	14·8	96·9	5·8	24·7	4·1
Manchester ...	548,768	32·3	23·1	21·9	24·6	24·1	3·05	—	0·47	0·19	0·18	0·68	0·14	1·39	0·86	189	14·3	96·7	7·8	22·4	1·0
Birmingham ...	519,610	32·7	21·6	20·0	20·8	21·5	2·72	—	0·25	0·19	0·14	0·58	0·35	1·21	0·76	199	11·1	86·7	5·2	20·4	2·3
Leeds	431,287	30·4	19·9	19·2	19·1	20·0	2·92	0·00	0·58	0·12	0·59	0·38	0·20	1·05	0·61	183	10·9	82·5	8·5	12·5	0·5
Sheffield	365,922	34·1	21·2	20·2	22·2	22·6	4·33	—	0·55	0·17	1·26	0·55	0·28	1·52	0·67	200	12·4	84·6	4·2	13·8	3·0
Bristol	324,973	27·8	17·2	17·2	18·2	16·7	1·88	—	0·62	0·12	0·31	0·17	0·13	0·53	0·53	133	9·0	68·8	8·4	18·0	0·6
West Ham.....	314,472	28·6	15·7	15·4	16·7	15·9	3·10	—	0·48	0·05	0·50	0·59	0·18	1·30	0·64	189	8·2	66·3	6·7	15·1	1·6
Bradford	291,535	23·1	17·4	17·6	18·4	16·4	1·36	—	0·39	0·25	0·11	0·09	0·23	0·29	0·45	141	8·9	85·1	6·9	14·7	0·9
Nottingham ...	242,676	27·7	18·8	17·7	20·0	19·1	2·35	—	0·18	0·22	0·12	0·42	0·33	1·08	0·73	196	9·3	78·3	6·3	16·7	0·8
Hull.....	**238,736**	**32·9**	**18·6**	**18·4**	**19·3**	**19·7**	**3·10**	**0·08**	**0·58**	**0·16**	**0·08**	**0·31**	**0·21**	**1·68**	**0·71**	**183**	**10·0**	**76·3**	**6·4**	**15·0**	**2·1**
Newcastle	234,369	30·4	19·1	21·4	20·6	19·5	1·38	—	0·39	0·07	0·14	0·33	0·08	0·37	1·07	170	11·2	79·0	9·1	18·3	1·0
Salford	220,816	33·1	23·9	22·7	23·8	25·1	3·98	0·00	0·56	0·45	0·41	0·84	0·31	1·41	0·72	207	14·4	104·3	6·8	18·6	0·9
Leicester	219,169	28·2	17·7	16·9	17·7	17·4	3·54	—	0·23	0·13	1·51	0·21	0·12	1·34	0·60	175	9·3	68·7	6·0	18·6	1·9
Portsmouth ...	194,955	25·7	16·2	16·3	19·7	17·3	2·38	—	0·01	0·06	0·53	0·46	0·47	0·85	0·74	155	9·3	67·5	7·2	18·0	1·8
Cardiff	194,247	26·8	14·9	14·8	15·4	13·8	2·08	0·01	0·84	0·06	0·42	0·21	0·12	0·42	0·58	141	7·8	61·4	8·5	11·8	0·6
Bolton	164,240	29·0	22·0	19·4	19·9	19·5	2·42	—	0·23	0·12	0·12	0·53	0·27	1·15	0·57	171	10·7	91·7	7·3	11·0	0·5
Oldham	153,297	24·2	19·2	17·6	20·5	19·6	2·44	0·02	0·71	0·36	0·13	0·58	0·11	0·53	0·42	172	12·0	84·1	5·6	12·1	0·1
Sunderland ...	147,398	35·8	19·7	22·6	21·5	21·4	2·52	—	0·59	0·27	0·15	0·20	0·37	0·94	0·67	169	11·5	84·7	6·2	14·4	1·8
Blackburn	137,107	25·1	19·5	18·4	19·1	20·5	3·52	0·01	0·57	0·61	0·65	0·45	0·22	1·01	0·50	220	11·1	91·7	4·3	9·7	2·6

Note.—In this Table 0·00 indicates that the deaths were too few to give a rate of 0·005; when no death occurred, — is inserted.

No. 9.—DEATH-RATE from All Causes from the Principal Zymotic Diseases, and from Infantile Mortality, in the Twenty Great Towns, in the Ten Years, 1890-99 and in 1900.

Cities and Boroughs.	All Causes.		Small-Pox.		Measles.		Scarlet Fever.		Diphtheria.		Whooping-Cough.		Fever.		Diarrhœa.		Deaths under one year to 1000 Births	
	Ten years, 1890-99	1900	Ten years, 1890-99	1900	Ten years, 1890-99	1900	Ten years, 1890-99	1900	Ten years, 1890-99	1900	Ten years 1890-99	1900	Ten years, 1890-99	1900	Ten years, 1890-99	1900	Ten years, 1890-99	1900
London	19·8	18·8	0·01	0·00	0·62	0·42	0·20	0·08	0·49	0·34	0·53	0·43	0·15	0·17	0·74	0·78	160	160
Liverpool	25·7	25·7	0·01	0·03	0·63	0·23	0·40	0·17	0·20	0·26	0·59	0·84	0·34	0·21	1·32	1·44	192	186
Manchester ...	24·3	24·1	0·01	—	0·81	0·47	0·28	0·19	0·21	0·18	0·56	0·68	0·24	0·14	1·29	1·39	190	189
Birmingham ...	20·9	21·5	0·05	—	0·49	0·25	0·20	0·19	0·24	0·14	0·51	0 58	0·18	0·35	1·23	1·21	186	199
Leeds	20·3	20·0	0·01	0·00	0·49	0·58	0·18	0·12	0·23	0·59	0·40	0·38	0·21	0·20	1·09	1·05	178	183
Sheffield	21·4	22·6	0·00	—	0·58	0·55	0·28	0·17	0·29	1·26	0·50	0·55	0·28	0·28	1·35	1·52	184	200
Bristol	18·4	16·7	0·02	—	0·46	0·62	0·13	0·12	0·14	0·31	0·46	0·17	0·11	0·13	0·63	0·53	149	133
West Ham ...	17·3	15·9	0·05	—	0·63	0·48	0·18	0·05	0·51	0·50	0·51	0·59	0·22	0·18	0·89	1·30	164	189
Nottingham ...	18·7	19·1	0·00	—	0·41	0·18	0·20	0·22	0·08	0·12	0·37	0·42	0·29	0·33	1·11	1·08	179	196
Bradford	19·1	16·4	0·07	—	0·42	0·39	0·25	0·25	0·08	0·11	0·38	0·09	0·16	0·23	0·91	0·29	174	141
Hull	**19·7**	**19·7**	**0·07**	**0·08**	**0·45**	**0·58**	**0·17**	**0·16**	**0·12**	**0·08**	**0·38**	**0·31**	**0·24**	**0·21**	**1·45**	**1·68**	**176**	**183**
Newcastle	20·6	19.5	0·00	—	0·53	0·39	0·13	0·07	0·18	0·14	0·48	0·33	0·16	0·08	0·73	0·37	174	170
Salford	24·2	25·1	0·01	0·00	0·95	0·56	0·37	0·45	0·34	0·41	0·71	0·84	0·38	0·31	1·54	1·41	203	207
Leicester	18·1	17·4	0·01	—	0·43	0·23	0·23	0·13	0·27	1·51	0·36	0·21	0·18	0·12	1·52	1·34	197	175
Portsmouth ...	17·5	17·3	0·00	—	0·49	0·01	0·11	0·06	0·23	0·53	0·31	0·46	0·25	0·47	0·95	0·85	158	155
Cardiff	17·6	13·8	0·00	0·01	0·34	0·84	0·17	0·06	0·40	0·42	0·45	0·21	0·13	0·12	0·87	0·42	164	141
Oldham	21·1	19·6	0·09	0·02	0·66	0·71	0·21	0·36	0·15	0·13	0·45	0·58	0·15	0·11	0·70	0·53	183	172
Sunderland ...	21·9	21·4	0·01	—	0·56	0·59	0·21	0·27	0·07	0·15	0·46	0·20	0·52	0·37	1·23	0·94	175	169
Blackburn	21·2	20·5	0·01	0·01	0·76	0·57	0·11	0·61	0·12	0·65	0·41	0·45	0·26	0·22	1·31	1·01	201	220
Croydon.....	14·7	14·6	0·00	—	0·34	0·15	0·06	0·04	0·29	0·18	0·38	0·44	0·09	0·07	0·59	0·56	137	132

Note.—In this table 0·00 indicates that the deaths were too few to give a rate of 0·005 ; when no death occurred — is inserted.

No. 10.—Returns made by the Vaccination Officers of the Hull and Sculcoates Unions respecting the VACCINATION of CHILDREN whose births were Registered during the year 1899.

Districts.	Births.	Successfully Vaccinated.	Insusceptible.	Dead Unvaccinated.	Postponement by Certificate.	Not accounted for.	Conscientious Objection Certificates.
Drypool	1394	1061	5	132	10	112	74
Sutton	621	485	3	88	3	36	6
East Sculcoates	559	456	2	86	—	11	4
West Sculcoates	1163	946	5*	134	1	67	9
Humber	939	598	5	105	9	218	4
Myton	1809	1029	7	206	12	539	16
Newington	1161	835	5	168	32	109	12
Newland	302	242	1	30	12	15	2
Marfleet	10	9	—	1	—	—	—
Totals	7958	5661	33	950	79	1107	127

* One of these cases had Small Pox previous to Vaccination.

Small Pox.

Seventeen deaths have occurred amongst the City population from Small Pox during the year 1900. The average death-rate from Small Pox for the thirty-three great towns was 0·00 per 1000 per annum. The average number of deaths from Small Pox in the City during the past twenty years was 12 per annum.

There were 80 houses attacked, each house, after removal of the patient, being disinfected by the Sanitary officials, and, in such cases as the Medical Officer of Health directed, all bedding, clothing, &c., were destroyed and the owners compensated in accordance with the provisions of the Public Health Act, 1875.

In these 80 houses there resided 435 inhabitants, of which number 190 were re-vaccinated, either by the medical practitioner in attendance or by the Public Vaccinator of the district.

Of the 104 persons attacked and admitted into Hospital, 77 had been primarily vaccinated and 27 showed no evidence of vaccination.

Of the 77 vaccinated persons 3 died, equal to a fatality of 3·8 per cent.; of the unvaccinated 10 died, equal to a fatality of 37·0 per cent.

The total fatality was equal to 12·5 per cent. of the persons attacked.

Of the 104 cases, 57 were males and 47 females.

Of the children who were attacked, 14 were under ten years of age, of whom 2 were vaccinated, whilst 12 shewed no evidence of vaccination.

Evan Fraser Hospital.

The total number of patients admitted into this hospital suffering from Small Pox was 104. The greatest number admitted during one week during the same period was

15 for the week ended January 13th, and the highest number admitted on any one day was 5 on January 8th.

Percentage of deaths to total admissions	12·5
Percentage of deaths to total vaccinated cases admitted	3·8
Percentage of deaths to total cases admitted shewing no evidence of vaccination from marks	37·0

All known cases of Small Pox occurring in 1900, were removed and treated in Hospital.

Amongst the vaccinated children there was no mortality, whilst of the unvaccinated children under 10 years of age 25% died.

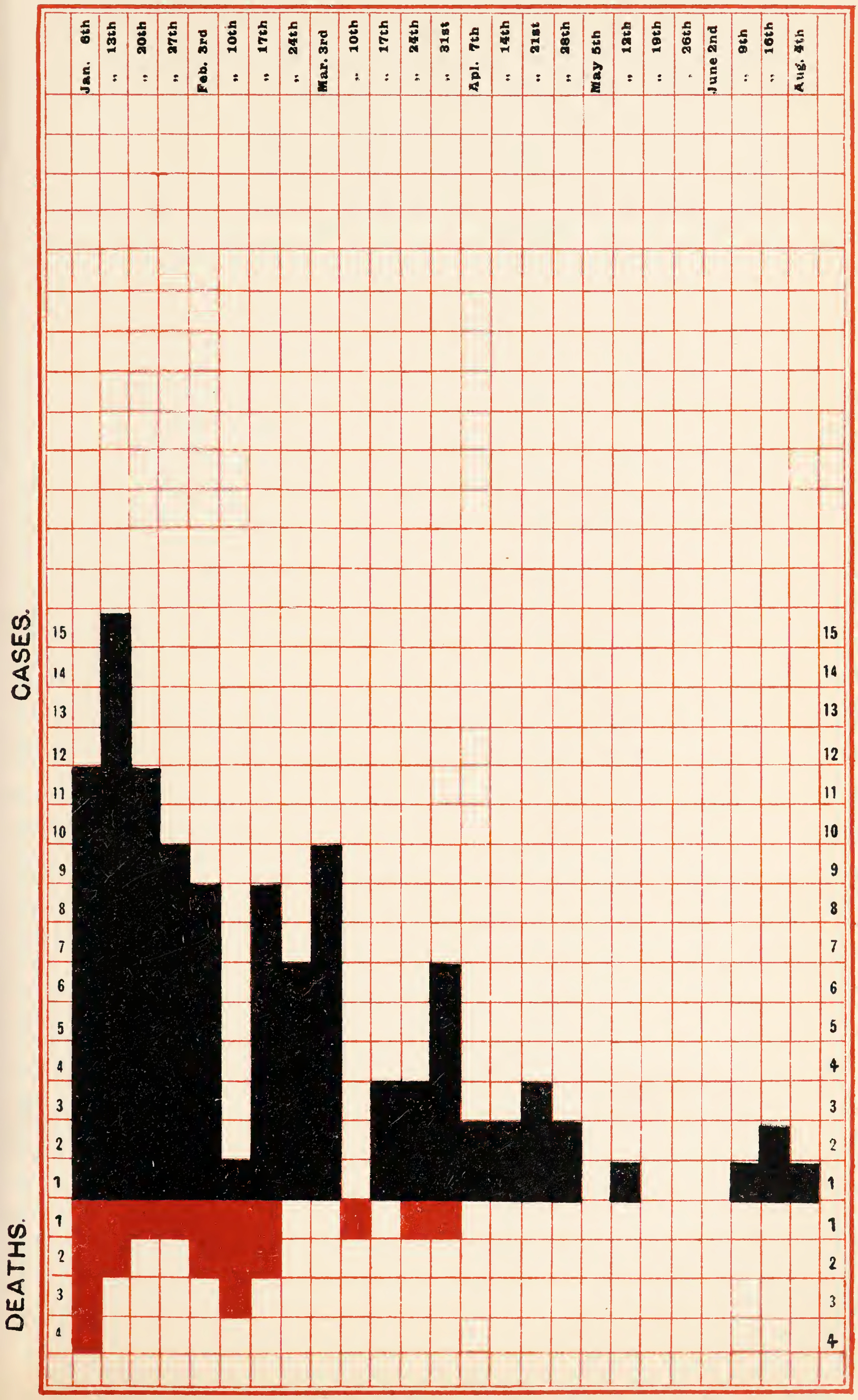
Amongst the unvaccinated are included those who had never submitted to vaccination, those who may have submitted but on whom no evidence of vaccination was visible, and those who were only vaccinated during the incubation period of their attack of Small Pox.

NOTE.—This return does not include the deaths of five persons admitted in December, 1899, and who died in 1900. The above statistics refer only to the 104 patients admitted in 1900.

During the epidemic, ministers of various denominations visited the Hospital, whose visits and ministrations were highly appreciated by the patients.

SMALL POX.

CHART shewing weekly number of ADMISSIONS and DEATHS in Hospital during the year 1900.



Weekly Admissions, Discharges and Deaths at the Evan Fraser Hospital.

Week ending.	No. of Patients admitted into Hospital.	No. of Discharges.	No. of Deaths.
Jan. 6th (6 days)	11	60	4
,, 13th	15	50	2
,, 20th	11	25	1
,, 27th	9	31	1
Feb. 3rd	8	15	2
,, 10th	1	18	3
,, 17th	8	11	2
,, 24th	6	21	0
March 3rd	9	3	0
,, 10th	0	6	1
,, 17th	3	6	0
,, 24th	3	9	1
,, 31st	6	4	1
April 7th	2	3	0
,, 14th	2	2	0
,, 21st	3	4	0
,, 28th	2	7	0
May 5th	0	1	0
,, 12th	1	2	0
,, 19th	0	0	0
,, 26th	0	3	0
June 2nd	0	1	0
,, 9th	1	1	0
,, 16th	2	0	0
,, 23rd	0	0	0
,, 30th	0	0	0
July 7th	0	0	0
,, 14th	0	0	0
,, 21st	0	0	0
,, 28th	0	3	0
Aug. 4th	1	0	0
,, 25th	0	1	0
	104	287	18

This statement includes the deaths of five persons admitted in 1899, but who died in 1900.

TABLE A.—SHEWING THE AGE PERIODS OF CASES AND FATALITIES IN TWO CLASSES: VACCINATED AND NO EVIDENCE OF VACCINATION FROM MARKS.

Age Periods.	Vaccinated.			No evidence of Vaccination from Marks.			Total Cases.	Total Deaths.	Total fatality per cent. of Total Cases.
	Cases.	Deaths.	Fatality per cent. of cases.	Cases.	Deaths.	Fatality per cent. of cases.			
Under 1 Year ...	...	...	...	...	...	...	...	...	...
1 to 5	...	...	...	8	3	37·5	8	3	37·5
5 to 10	2	...	...	4	...	...	6	...	...
10 to 15	4	...	...	6	2	33·3	10	2	20·0
15 to 25	25	...	...	5	2	40·0	30	2	6·6
25 to 60	44	3	6·8	4	3	75·0	48	6	12·5
Over 60	2	...	...	...	...	...	2	...	...
TOTALS ...	77	3	3·8	27	10	37·0	104	13	12·5

NOTE.—The Death-Rates given in Tables A and D refer only to Deaths of Patients admitted into Hospital during the year, 1900.

TABLE B.—ANALYSIS OF MARKS AND QUALITY OF VACCINATION OF VACCINATED PERSONS ATTACKED.

Age Periods.	1 Mark.		2 Marks.		3 Marks.		4 Marks.		Totals.
	Good.	Indifferent.	Good.	Indifferent.	Good.	Indifferent.	Good.	Indifferent.	
Under 1 Year	...	...	...	...	...	...	...	...	...
1 to 5	...	...	...	...	...	...	...	...	...
5 to 10	...	1	1	...	...	...	...	...	2
10 to 15	...	1	...	...	1	...	2	...	4
15 to 25	...	2	5	...	8	1	9	...	25
25 to 60	6	3	7	4	10	3	9	2	44
Over 60	...	...	...	...	1	...	...	1	2
Totals	6	7	13	4	20	4	20	3	77

TABLE C.—ANALYSIS OF MARKS AND QUALITY OF VACCINATION OF THE CASES THAT DIED.

Age Periods.	1 Mark.		2 Marks.		3 Marks.		4 Marks.		Totals.
	Good.	Indifferent.	Good.	Indifferent.	Good.	Indifferent.	Good.	Indifferent.	
Under 1 Year	...	...	...	...	...	...	...	...	...
1 to 5	...	...	...	...	...	...	...	...	...
5 to 10	...	...	...	...	...	...	...	...	...
10 to 15	...	...	...	...	...	...	...	...	...
15 to 25	...	...	...	...	...	...	...	...	...
25 to 60	...	1	...	1	...	1	...	...	...
Over 60	...	...	...	...	...	...	...	...	...
Totals	...	1	...	1	...	1	...	...	...

TABLE D.—Severity of Attack, with Number of Vaccination Marks.

Severity of Case.	No evidence of any marks.			1 Mark.			2 Marks.			3 Marks.			4 Marks.			Total number attacked.	Total Deaths.	Fatality per cent.
	Total cases.	Recov'd.	Died.	Total cases.	Recov'd	Died.	Total cases.	Recov'd.	Died.	Total cases.	Recov'd.	Died.	Total cases.	Recov'd.	Died.			
Modified	13	13	...	10	10	...	14	14	...	21	21	...	22	22	...	80	...	...
Confluent	14	4	10	3	2	1	3	2	1	3	2	1	1	1	...	24	13	54·16
Hæmorrhagic...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	27	17	10	13	12	1	17	16	1	24	23	1	23	23	...	104	13	12·5

During the epidemic of Small Pox in this city, there were in all 943 cases notified, and of this number 163 proved fatal.

As stated in my report for 1899, 10 persons suffering from Small Pox died at their homes, they being too dangerously ill to be removed, whilst 29 cases, owing to various circumstances—some being sufficiently isolated and others of a doubtful nature—were treated at home.

I append a statement giving particulars of the total number of Small Pox patients admitted into Hospital, and fatalities from the commencement to the termination of the outbreak.

From this table it will be seen that the total number of cases was 904, of which 748 were vaccinated and 156 showed "no evidence of vaccination from marks." Of the former 77 died, giving a case fatality of 10·2%. Of the unvaccinated cases 76 proved fatal, giving a case fatality of 48·7%. The total deaths amounted to 153, which gives a percentage case fatality of 16·9.

It will also be observed that only 20 vaccinated children under 10 years of age were attacked with Small Pox, and of this number not a single case proved fatal; whilst 60 children showing no evidence of vaccination were attacked, and 27 succumbed to the disease, representing a fatality of 45 per cent.

TABLE E.—SMALL POX, 1899-1900.

STATEMENT SHEWING THE AGE OF PATIENTS TREATED IN HOSPITAL AND FATALITIES IN TWO CLASSES: VACCINATED, AND NO EVIDENCE OF VACCINATION FROM MARKS.

Age Periods.	Vaccinated.			No Evidence of Vaccination from Marks.			Total Cases.	Total Deaths.	Total fatality per cent. of Total Cases.
	Cases.	Deaths.	Fatality per cent. of cases.	Cases.	Deaths.	Fatality per cent. of cases.			
Under 1 Year ...	1	...	...	12	8	66·6	13	8	61·5
1 to 5	5	...	...	24	12	50	29	12	41·3
5 to 10	14	...	...	24	7	29·1	38	7	18·4
10 to 15	40	3	7·5	33	6	18·1	73	9	12·3
15 to 25	247	11	4·4	21	11	52·3	268	22	8·2
25 to 60	430	61	14·1	39	31	79·4	469	92	19·6
Over 60	11	2	18·1	3	1	33·3	14	3	21·4
TOTALS ...	748	77	10·2	156	76	48·7	904	153	16·9

Garrison Hospital.

As stated in my report for 1899, the last patients were discharged from this hospital on the 22nd December, 1899. The hospital buildings, after being thoroughly fumigated with sulphur di-oxide and the walls washed with perchloride of mercury (strength 1 in 1000), were destroyed by fire on the morning of the 29th April, 1900, under the superintendence of the Fire Brigade. Those workmen engaged in the demolition previous to its being fired had previously suffered from Small Pox, or had recently undergone re-vaccination, and were housed during that period in a portion of the hospital buildings, and on completion of their work were removed to the Disinfecting Station for bathing and disinfection of their clothes previous to their returning home. It was noted that no spread of Small Pox occurred in the neighbourhood during the process, neither were any of the persons engaged attacked with the disease.

Shelter and Temporary Disinfecting Station.

A number of families and those who had been exposed to infection of Small Pox were removed to the shelter for bathing and disinfection whilst their homes were undergoing disinfection by the Sanitary Officials.

The new Disinfecting Station, replete with every modern appliance, and which is now about completed, will afford additional accommodation for the removal and isolation of families and ships' crews, whilst infected houses or ships are being fumigated.

Scarlatina.

Forty-two deaths have been reported from Scarlatina during the year, being a mortality at the rate of 0·17 per 1000 per annum of the estimated population.

The average death-rate from Scarlatina for the thirty-three great towns was 0·13 per 1000 per annum. The deaths from Scarlatina were distributed over the four quarters of the year as follows, namely :—First quarter, 7 ; second quarter, 9 ; third quarter, 13 ; fourth quarter, 13, respectively.

The average number of deaths from Scarlatina in the City during the past twenty years was 83 per annum.

Measles.

Measles accounted for 130 deaths in 1900, as against 112 deaths in 1899 and 79 in 1898. The death-rate from Measles was equal to 0·54 per 1000 per annum of the estimated population. The average death-rate from Measles for the thirty-three great towns was 0·43 per annum. The deaths from Measles were distributed over the four quarters of the year as follows, namely :—First quarter, 51 ; second quarter, 52 ; third quarter, 13 ; fourth quarter, 14, respectively. The average number of deaths from Measles in the City during the past twenty years was 80 per annum.

Diphtheria.

There have been 15 deaths from Diphtheria, as against 23 in 1899 and 10 in 1898. The death-rate was equal to 0·06 per 1000 per annum. The average mortality from Diphtheria for the thirty-three great towns was 0·35 per annum. The deaths from Diphtheria were distributed over the four quarters of the year as follows, namely :—First quarter, 3 ; second quarter, 6 ; third quarter, 2 ; fourth quarter, 4. The average number of deaths from Diphtheria in the City during the past twenty years was 15 per annum.

Whooping Cough.

Whooping Cough occasioned 68 deaths, as against 132 in 1899 and 67 in 1898. The death-rate was equal to 0·28 per 1000 per annum. The average mortality from Whooping Cough for the thirty-three great towns was 0·45 per annum. The deaths from Whooping Cough were distributed over the four quarters of the year as follows, namely :—First quarter, 13 ; second quarter, 13 ; third quarter, 13 ; fourth quarter, 29, respectively. The average number of deaths from Whooping Cough in the City during the past twenty years was 77 per annum.

Fever.

This term embraces the three forms—Typhus, Typhoid, and Simple Continued Fever—and caused 48 deaths, being at the rate of 0·20 per 1000 of the estimated population. The average mortality from Fever for the thirty-three great towns was 0·20 per annum. The deaths were distributed over the four quarters of the year as follows, namely:—First quarter, 6; second quarter, 10; third quarter, 15; fourth quarter, 17, respectively. The average number of deaths from Fever in the City during the past twenty years was 48 per annum.

No. 11.—TABLE shewing the number of DEATHS from TYPHOID FEVER, with the Age, Sex and District in which they occurred, from the 1st January to the 31st December, 1900, inclusive.

Districts.	0 to 1.		1 to 5.		5 to 15.		15 to 25.		25 to 60.		60 to 80.		80 & up.		M.	F.	Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
Drypool	...	...	...	...	1	1	4	2	5	3	1	...	...	...	11	6	17
Sutton	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1
E. Sculcoates ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1
W. Sculcoates ...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	3	...	3
Humber	...	...	...	...	...	...	2	1	3	1	...	...	...	...	5	2	7
Myton	...	...	...	...	1	1	3	1	1	1	1	...	...	...	6	3	9
Newington	...	...	...	...	1	1	1	...	1	...	...	...	...	...	3	1	4
Newland	...	...	...	...	...	1	...	...	2	1	...	...	...	...	2	2	4
Stoneferry	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2	...	2
Marfleet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals.....	...	...	...	...	4	4	13	4	15	6	2	...	...	...	34	14	48

Diarrhœa.

Diarrhœa occasioned 404 deaths, a mortality of 1·69 per 1000 per annum of the estimated population. The average mortality from Diarrhœa for the thirty-three great towns was 0·94 per annum. The deaths from Diarrhœa were distributed over the four quarters of the year as follows, namely :—First quarter, 4 ; second quarter, 7 ; third quarter, 341 ; fourth quarter, 52, respectively. The average number of deaths from Diarrhœa in the City during the past twenty years was 247 per annum. The highest mortality from Diarrhœa in the thirty-three great towns was 1·68 in Hull, 1·67 in Preston, 1·52 in Sheffield, and 1·44 in Liverpool.

Infantile Diarrhœa.

Of 404 deaths from Diarrhœa, 322 were children, aged one year and under, and of this latter number 277 died in the autumnal quarter, 227 of which were bottle-fed or had received a mixed diet, and 50 only had been breast-fed.

The following report was presented by your Medical Officer of Health :—

The increase in the death-rate of this City during the Autumnal quarter of the current year has been due to Diarrhœa, which is always prevalent more or less during the period named.

The highest mortality in any given period was for the weeks ending the 1st and 8th September, the death-rate in the various registration sub-districts varying from 1·6 to 12·4 per 1000, the greatest mortality for the three months being in the districts of Newington, Humber and Myton, the death-rates being 2·2, 1·7 and 1·5 per 1000 respectively.

Diarrhœa has been more fatal amongst children between the ages of three and eight months, and has been greater amongst males than females—(Table A). The duration of illness has been from six to eight days.

During the first and second quarters of the year, the general and zymotic death-rates were below the average of the

thirty-three large towns, as is shewn in Table C. During the third quarter, however, the general and zymotic death-rate was above the average.

Of the total number of deaths (341) from Diarrhœa, 291 were infants who had been bottle-fed, or who had received mixed diets. Fifty only had received their maternal nourishment—(Table A).

The artificial feeding of children, the storage of milk and food in improper places and its contamination by flies, the pollution of soil either with vegetable or animal matter, are all factors which increase the prevalence of, and mortality from, Diarrhœa.

I would also respectfully point out the question of sanitary conveniences in the City.

The greatest number of deaths from Diarrhœa occurred in four-roomed houses; and it will be seen that of the number of houses wherein such deaths happened, 315 are provided with privies, whilst only some 25 are water closet dwellings.

In Hull there are some 56,061 houses, and their sanitary conveniences are made up as follows: Privies, 49,430; water-closets, 10,025. Of the houses provided with privies, some 36,000 are either unprovided with backways or the privies are situated within six feet of the doors or windows of the dwellings, which, especially in the more crowded neighbourhoods, must be a nuisance and a source of danger to health of the inhabitants.

It has been generally observed that Infantile Diarrhœa has always been more prevalent in crowded populations. Overcrowding, insufficient ventilation of dwellings, together with privy middens, foul cesspools, filthy accumulation of refuse and a want of cleanliness on the part of the community are usually associated with the existence of Diarrhœa and its fatality.

It has also been noticed that meteorological conditions have an important bearing upon the prevalence of epidemic diarrhœa. It is the temperature of the earth which governs the prevalence of diarrhœa rather than that of the air.

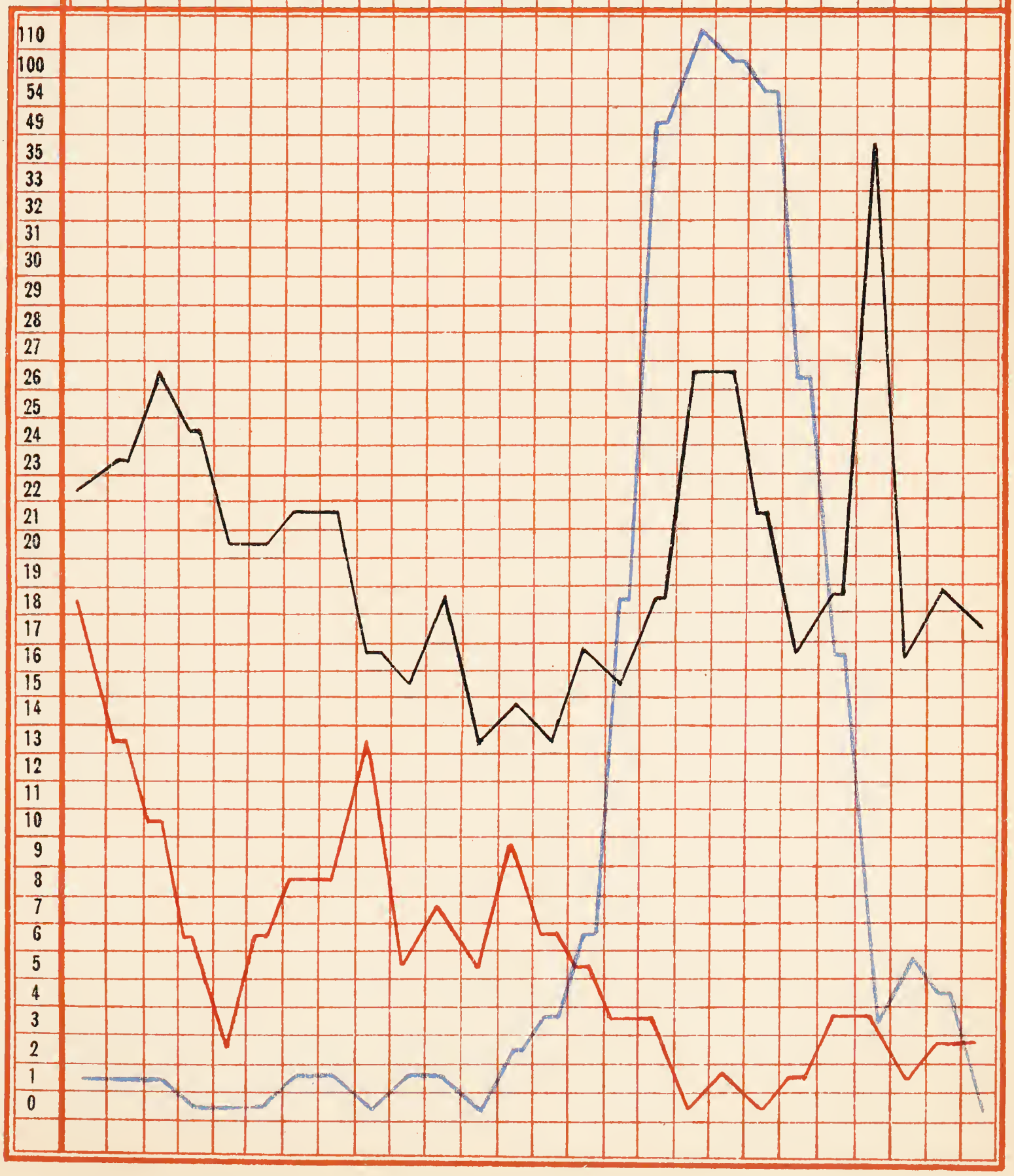
CHART shewing the number of DEATHS from prevailing ZYMOTIC DISEASES, and the DEATH RATE from all causes, together with the TEMPERATURE and RAINFALL in fortnights. 1900.

Death Rate—

Diarrhœa—

Measles—

	JAN.		FEB.		MAR.			APRIL		MAY		JUNE		JULY		AUG.		SEPT.			OCT.		NOV.		DEC.	
MAXIMUM	49-0	48-0	52-0	46-0	57-0	53-0	51-0	61-0	75-0	65-0	68-0	70-0	84-0	71-0	83-0	65-0	79-0	72-0	73-0	72-0	70-0	60-0	60-0	53-0	55-0	56-0
MEAN	36-1	36-9	33-5	31-5	41-0	39-3	37-1	43-5	49-2	48-5	46-2	53-2	61-3	58-1	65-2	64-2	59-3	58-1	57-2	56-1	52-¼	45-¼	47-0	40-8	43-7	45-1
MINIMUM	19-0	27-0	24-0	18-0	28-0	25-0	23-0	23-0	29-0	32-0	31-0	43-0	49-0	45-0	39-0	47-0	45-0	42-0	37-0	40-0	29-0	32-0	34-0	29-0	36-0	32-0
Rainfall in Inches	2-63	0-57	0-91	1-27	1-93	0-4	0-37	0-70	0-37	1-02	0-27	0-38	1-05	1-40	0-45	1-49	1-79	1-79	0-20	0-97	0-97	1-63	1-33	1-34	1-34	0-44



During the fortnights ending 1st and 15th September, which shewed the highest mortality from Diarrhœa in the City, the earth thermometer registered 57° 5′ and 55° 2′ respectively.

Epidemic Diarrhœa occurs more or less every year, and the intensity varies with the change of temperature and rainfall.

The weather during the Autumnal Quarter, for the most part, was fine, bright and warm in July and September, but dull and wet in August. The mean daily temperature of the earth was generally below its average from the 1st to the 8th July, but above it during the remainder of the month. The weather was remarkably hot from the 10th to the 27th.

The temperature fell below the average from the 1st to the 11th August, and above it from the 12th to the 21st, after which it was above the average until the end of the quarter, except for a short period extending from the 11th to the 13th September.

The mean reading of the barometer at Greenwich was 29·861 inches, being 0·66 of an inch above the average reading in the third quarters of 59 years; the mean reading was above the average in each month of the quarters, the excess being ·042 of an inch in July, ·005 of an inch in August, and ·151 of an inch in September. The mean temperature of the air was 61° 8′, which is 2° 0′ above the average in the third quarters of 129 years.

The amount of rain measured during the quarter at the Royal Observatory was 4·58 inches, which is 2·61 inches below the average in the third quarters of 85 years. The amount was below the average in each month of the quarter, the deficiency being 1·12 inch in July, 0·31 inch in August, and 1·18 inch in September.

PRECAUTION ADOPTED.

Printed instructions containing precautions to be adopted have been freely distributed throughout the City. Early notification of all deaths from Diarrhœa have been received; immediate investigation has been made of each case; an inspection of the sanitary arrangements of each house has been made;

courts have been cleansed and limewashed, and, where necessary, the subsidiary drains have been flushed; there has been a bi-weekly collection of excreta (in Myton registration sub-district) and dry dust in the more crowded neighbourhoods; printed instructions against undue accumulations of refuse have been distributed; there has been a liberal use of disinfectants in connection with the collection of excreta and dry-dust, and a gratuitous distribution of disinfectants in all cases of Diarrhœa and other infectious diseases.

With a view to the better classification of Diarrhœa, the following letter was addressed by the Medical Officer of Health to the Medical Practitioners in the City:—

"Medical Officer of Health's Department,
Town Hall, Hull,
24th August, 1900.

My dear Sir,

DIARRHŒA.

During the prevalence of Diarrhœa at this period of the year, I would respectfully ask you to assist me in endeavouring to promote uniformity in the certification and classification of Diarrhœa deaths.

The Royal College of Physicians have authorised the use of the term 'Epidemic Enteritis,' or, if preferred by the practitioner, 'Zymotic Enteritis,' as a synonym of Epidemic Diarrhœa, and they urge the entire disuse as synonyms of Epidemic Diarrhœa in Medical certificates of death of such terms as 'Gastro Enteritis,' 'Muco Enteritis,' 'Gastric Catarrh,' &c.

In future the only authorised names to be used in certifying deaths from this disease are 'Epidemic Enteritis,' 'Zymotic Enteritis,' or 'Epidemic Diarrhœa,' whilst all other terms are to be entirely discarded.

It is desirable that all Medical men should strictly adhere to this authoritative decision of the Royal College of Physicians.

I would, therefore, on behalf of the Sanitary Committee and myself, ask for your cordial assistance in this matter,

in order that we may have a uniform classification of deaths from Diarrhœa in this City.

Thanking you in anticipation,

Yours very truly,

J. Wright Mason.

CIRCULAR DISTRIBUTED BY SANITARY OFFICERS.

City and County of Kingston upon Hull.

Precautions against Diarrhœa.

Diarrhœa in its early stage can, under proper treatment, be speedily cured. Delay in appropriate treatment often converts an easily-managed ailment into a dangerous and perhaps fatal attack, therefore medical treatment should be sought at once.

It is recommended that all water for drinking purposes should be boiled.

The foods not liable to ferment are bread, farinaceous foods, milk (which should be boiled), rice, together with fresh beef, mutton and fish. No meat which is tainted, or vegetables and fruit commencing to decay, should be eaten. All food should be kept in a clean, dry and cool place.

Proper Feeding of Infants.

A great majority of the deaths from Diarrhœa are children aged one year and under, of which a large number are bottle fed.

The only safe food for infants is their mother's milk, next to this I would recommend the milk of the cow. The cow's milk should be boiled, and given with the addition of a tablespoonful of lime-water to every bottleful of milk, and this, unmixed with any other substance, should be the only food of infants who have not cut their teeth.

The form of the bottle should be the old-fashioned boat-shape, with the teat only. The tube, having a tendency to become dirty, should be dispensed with.

The cleansing of the bottle is of the greatest importance. After every feed the bottle and teat should be steeped in cold

water, to which has been added a little carbonate of soda, and afterwards scalded with boiling water.

The home should be well ventilated and kept scrupulously clean, the privies, sinks and ash-pits regularly and properly cleansed and disinfected. Nuisances arising from any of these causes should be at once reported to the Inspector of Nuisances, Town Hall.

Disinfectants are supplied free of charge on application to the Sanitary Office, Lowgate.

J. Wright Mason, M.B., D.P.H., &c.,
Medical Officer of Health.

RECOMMENDATIONS.

The care of parents in the proper feeding of infants; the substitution of the water carriage system for the privy; the regular periodical removal and cremation of all accumulations of refuse from waste lands or crowded courts; the prevention of overcrowding; remedying of sanitary defects; the continuance of the closing of all insanitary property; and the opening out of areas under the provision of the Housing of the Working Classes Act, would, in my opinion, tend to lessen the recurring prevalence and mortality due to Diarrhœa.

I would suggest the appointment of a qualified Female Inspector to visit all Diarrhœal centres to instruct families in the elementary principles of hygiene. These duties, I believe, would be more effectively and efficiently carried out by such an Inspector.

Further, I would advise that all milk for the feeding of infants should be sterilized before being used, and this end could be the better attained by the Municipality undertaking this work as a part of their Public Health Administration.

The City Corporation will shortly undertake the collection and disposal of the City's dry refuse, taking over the work as the present contracts expire, and, in order that the collection of excreta may be more efficiently performed, I would again advise that the municipality should themselves carry out this work also.

I append tables, showing the prevalence of Diarrhœa in this City during the third Quarter, and the meteorological conditions; and also deaths from Diarrhœa during the years 1883 to 1900 inclusive.

J. Wright Mason, M.B., D.P.H., &c.,
Medical Officer of Health.

Town Hall, Hull,
December, 1900.

TABLE A.—Shewing the Number of Deaths from Diarrhœa during the Third Quarter of the Year 1900, together with the Age Periods, Nature of Food, &c.

District.	Population.	Ages.							Sex.		Total number of Deaths.	Food.		No. of Rooms in Houses where Death has occurred.					Sanitary Conveniences.	
		0 to 1	1 to 5	5 to 15	15 to 25	25 to 60	60 to 80	80 and up	Males.	Females.		Breast Fed.	Bottle Fed & Mixed Diet.	2	3	4	5	6	W.C.	Privies.
Drypool.....	37279	36	11	...	...	...	...	...	24	23	47	6	41	...	15	19	9	4	2	45
Sutton	15232	22	3	...	...	...	1	...	13	13	26	4	22	...	10	15	1	...	...	26
East Sculcoates..	15742	20	1	...	...	...	...	1	16	6	22	4	18	1	7	13	1	...	4	18
West Sculcoates.	47378	32	4	...	...	...	1	...	23	14	37	5	32	1	8	21	4	3	2	35
Humber	39786	45	23	...	...	...	1	...	31	38	69	10	59	9	14	33	7	6	9	60
Myton	48784	65	11	1	1	...	...	...	46	32	78	10	68	1	3	69	3	2	6	72
Newington	24449	50	3	...	...	1	1	...	25	30	55	10	45	...	...	35	8	12	2	53
Newland	8735	5	...	...	...	...	...	...	1	4	5	1	4	...	...	1	2	2	...	5
Stoneferry	1052	2	...	...	...	...	...	...	2	...	2	...	2	...	...	2	...	...	...	2
Marfleet	299	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	238736	277	56	1	1	1	4	1	181	160	341	50	291	12	57	208	35	29	25	316

TABLE B.—Shewing Deaths from all Causes, Birth Rate, Death Rate, Zymotic and Diarrhœa Death Rates, and Meteorological Report, from July 7th to September 29th, 1900.

Fortnight.	Deaths from Diarrhœa.							Total Deaths.		Birth Rate.	Death Rate from all Clauses.	Death Rate from the Seven Zymotic Diseases.	Barometer.	Thermometer.		Hygrometers.			
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 60	60 to 80	80 up	Number.	Death Rate.					Maximum.	Minimum.	Dry Bulb.	Wet Bulb.	Humidity.	Rainfall.
July 7th...	2	1	...	...	...	...	...	3	·01	32·6	13·4	1·6	29·870	66·3	50·0	60·7	56·5	75·7	1·40
,, 21st...	6	...	...	...	...	...	...	6	·02	32·6	16·3	1·6	30·103	65·9	48·5	69·0	63·0	69·4	·45
Aug. 4th...	15	3	...	...	...	...	...	18	·07	33·2	15·2	3·2	29·994	73·2	55·3	65·9	61·1	74·5	1·49
,, 18th...	39	8	1	...	...	1	...	49	·2	31·1	18·8	6·0	30·075	16·4	50·2	57·1	54·9	85·9	1·79
Sept. 1st...	93	14	...	1	1	1	...	110	·5	36·5	26·6	12·4	30·055	66·3	52·0	61·0	58·0	82·0	1·79
,, 15th...	76	22	...	...	...	1	1	100	·4	35·2	26·0	12·1	30·286	66·0	48·4	57·9	54·5	79·5	0·20
,, 29th...	38	13	...	...	1	2	...	54	·2	32·9	21·6	6·8	30·045	65·3	47·0	58·5	56·4	85·2	0·97

TABLE C.—Shewing the Average General and Zymotic Death Rate per 1000 Persons Living, and Deaths of Children under One Year, to 1000 Births, during the 1st, 2nd and 3rd Quarters of the Year, for the 33 Large Towns as Compared with this City.

	1st Quarter.			2nd Quarter.			3rd Quarter.		
TOWN.	Death Rate.	Zymotic Death Rate.	Deaths of Children under One Year of Age to 1000 Births.	Death Rate.	Zymotic Death Rate.	Deaths of Children under One Year of Age to 1000 Births.	Death Rate.	Zymotic Death Rate.	Deaths of Children Under One Year of Age to 1000 Births.
33 Large Towns	23·6	2·02	152	18·7	1·95	141	18·6	4·18	231
Hull	23·3	1·95	152	17·0	1·71	142	20·6	6·65	269

TABLE No. 12.—SHEWING TOTAL NUMBER OF DEATHS FROM DIARRHŒA DURING THE YEARS 1883 TO 1900 INCLUSIVE; ALSO THE NUMBER OF DEATHS OF CHILDREN OCCURRING IN THE AUTUMNAL QUARTERS OF THE SAME YEARS.

Year.	Total Number of Deaths.	No. of Deaths aged 1 year and under.	No. of Deaths during Autumnal Quarter, aged 1 year and under.	Bottle Fed and Mixed Diet.	Breast Fed.
1883	119	90	73	58	15
1884	331	271	222	171	51
1885	59	43	23	18	5
1886	262	193	155	141	14
1887	214	170	154	124	30
1888	86	59	39	33	6
1889	213	157	131	109	22
1890	183	140	89	72	17
1891	122	100	81	65	16
1892	176	131	106	98	8
1893	474	373	343	300	43
1894	72	59	32	26	6
1895	524	399	343	299	44
1896	191	154	133	108	25
1897	451	368	338	290	48
1898	365	325	259	235	24
1899	295	254	230	211	19
1900	404	322	277	227	50
Totals ...	4541	3608	3028	2585	443

No. 13.—Table shewing the Population and Deaths from Diarrhœa during the Third Quarters of the years 1873 to 1900; also the total Rainfall in inches and Temperature for the same period.

			JULY.				AUGUST.				SEPTEMBER.			
Years.	Population.	Deaths from Diarrhœa.	Mean of Maximum.	Highest Reading.	Date.	Total Rainfall	Mean of Maximum.	Highest Reading.	Date.	Total Rainfall.	Mean of Maximum.	Highest Reading.	Date.	Total Rainfall.
			°	°		ins.	°			ins.	°	°		ins.
1873	128,225	161	73·2	84	21,23	3·52	68·7	77	8	3·10	61·4	70	1	2·18
1874	131,315	161	73·2	84	9	1·79	67·9	78	19	2·56	64·4	74	1	3·03
1875	134,480	160	66·1	72	2	3·96	69·7	83	16	4·06	65·0	72	7	2·65
1876	137,630	193	73·9	87	16	3·49	69·5	83	14	1·50	61·4	69	5,22	3·12
1877	141,050	145	69·2	75	10,30,11	2·61	66·1	74	5	4·90	59·1	67	11	4·46
1878	144,450	336	71·3	86	20	0·88	69·1	73	2,7,8,12,18	5·31	63·7	73	6	2·81
1879	147,940	18	65·3	78	28,30	3·51	66·2	73	20	6·54	62·2	72	7	2·57
1880	151,500	208	67·2	75	25	4·57	69·3	77	10	1·87	66·4	76	5	5·05
1881	155,160	109	69·1	85	4	2·79	65·1	83	5	6·45	61·8	71	19	3·34
1882	158,814	227	71·1	76	27,28	1·98	69·2	79	11	3·18	65·0	72	8,10	1·60
1883	176,296	73	69·0	75	7,8,9,31	3·15	69·9	77	13	1·33	63·6	72	17	4·29
1884	181,225	273	71·3	81	2	2·13	75·7	85	24	1·46	65·9	77	17	1·09
1885	186,292	26	68·8	84	25	0·56	62·5	74	16	2·01	61·2	71	15	2·46
1886	191,501	201	68·5	82	3,4	2·52	68·4	80	30	2·10	63·2	74	14	1·06
1887	196,855	188	73·0	83	8	1·13	69·0	80	6	1·57	59·3	68	3	2·55
1888	202,359	39	62·0	71	22,23	5·75	65·5	79	9	2·41	60·5	69	3	1·59
1889	208,017	168	64·8	70	31	1·38	65·7	70	1	4·03	64·3	71	9,10,11	1·38
1890	213,833	122	67·3	72	31	1·57	65·1	71	4,5	3·12	66·2	69	8,10	1·44
1891	200,934	81	68·1	79	17	2·87	64·9	71	2,19	3·79	66·2	82	10	1·30
1892	204,750	139	66·1	72	2	1·67	67·8	73	21	2·85	64·4	68	27	1·34
1893	208,639	431	68·5	77	2,8	2·37	73·9	93	18	2·21	64·3	77	45	1·81
1894	212,679	35	69·9	80	5	2·23	65·7	71	30	2·22	58·3	69	11	0·84
1895	216,722	442	69·1	82	8	5·61	70·5	79	21	3·65	70·0	78	2,9	1·08
1896	220,844	155	72·4	85	20	1·16	65·0	72	12,13	2·78	61·8	70	13	3·83
1897	225,045	399	69·6	80	23	0·40	71·2	81	5	2·79	61·1	69	24	3·21
1898	229,887	301	67·3	74	22,31	0·50	69·2	81	12	3·71	68·2	85	17	0·26
1899	234,270	268	72·6	81	11,19	1·59	71·8	87	1	0·68	63·9	84	5	2·55
1900	238,736	341	74·0	85	25	1·62	67·2	79	13	4·71	65·2	73	13	1·37

Disease Map.

I append to my Report a Map of the City, shewing the distribution of deaths from Small Pox, Diarrhœa, Whooping Cough, Measles, Typhoid Fever, Scarlatina and Diphtheria.

Bacteriology.

The following statement shews the number of cases and results of Bacteriological examinations during the year 1900:—

Disease Suspected.	Number of Cases.	Result.		
		Positive.	Doubtful.	Negative.
Typhoid Fever...	76	35	5	36
Diphtheria	68	25	1	42
Tuberculosis ...	2	1	—	1
Totals.....	146	61	6	79

Notification of Consumption by Medical Practitioners.

Bacteriological research confirming the suspicion of the development of Consumption in individuals, and the timely isolation of such cases under proper hygienic conditions, forms an important part in preventing the spread and ultimate treatment of this disease.

Printed precautions to be observed against the spread of Consumption were, in January, 1899, on the instruction of your Committee, freely circulated throughout the City.

Bacteriological examination of suspicious cases has been undertaken, and disinfection of houses, &c., has been carried out by the Sanitary Officials.

I would recommend that Consumption should be added to the list of diseases notifiable under the Infectious Diseases (Notification) Act, 1889.

Hospitals.

Seven hundred and fifty-three patients have been treated in the Hospitals. Of this number 518 have been admitted during the year 1900, as against 1179 in 1899 and 321 in 1898.

One thousand, one hundred and seventy-nine cases of Scarlatina were notified to the authorities, of which number 334, or 28·3% were removed to the Sanatorium for isolation. Of the 334 admitted, 14 proved fatal, giving a case fatality of 4·1% of the cases admitted.

Two hundred and seven persons were notified as suffering from Typhoid Fever. Of this number 59, or 28·5% were isolated at the Sanatorium. Of these 59 cases, 7 proved fatal, giving a case fatality of 13·5% of the cases admitted.

The admissions were distributed over the four quarters of the year as follows, namely :—

First quarter, 146 ; second quarter, 144 ; third quarter, 96 ; fourth quarter, 132.

Of the cases admitted into Hospital, 104 were suffering from Small Pox, 336 from Scarlatina, 60 from Typhoid Fever, 1 from Measles, 10 from Diphtheria, and 7 were admitted for Isolation.

The average daily number of patients in the Hospitals was 84, and the average stay of each patient was 42 days.

The percentage of deaths from all causes to the total admissions was equal to 8 per cent., as against 13 per cent. during the year 1899 and 9 per cent. during the year 1898.

During the year daily papers have been received from the Public Libraries, and many other kind friends have generously subscribed presents for the use of the patients, which have received your Committee's grateful acknowledgments.

Sanatorium.

TABULATED STATEMENT SHEWING THE NUMBER OF DEATHS THAT HAVE OCCURRED IN THE SANATORIUM FROM SCARLATINA, TYPHOID FEVER, DIPHTHERIA AND MEASLES, GIVING SEX, AGE AND DURATION OF ILLNESS.

SCARLATINA.

Sex.....	F.	M.	M.	M.	M.	M.	M.	M.	M.	F.	F.	M.	F.	M.
Age (years)..	13	10	4	4	2	2	1	3	5	6	3	5	5	3
Days.....	29	13	41	29	12	23	6	8	7	32	11	12	9	15

TYPHOID.

Sex.....	M.	M.	M.	F.	F.	F.	M.
Age (years)..	14	25	47	9	46	21	19
Days	67	7	2	12	14	18	5

DIPHTHERIA.

Sex	F.	M.	M.
Age (years)	3	1	8
Days	19	9	5

MEASLES.

M.	M.
3	2
29	22

Evan Fraser Hospital.

TABLE SHEWING THE NUMBER OF DEATHS THAT HAVE OCCURRED IN THE EVAN FRASER HOSPITAL FROM SMALL POX, GIVING SEX, AGE, AND DURATION OF ILLNESS.

Sex	M.	M.	M.	F.	M.	F.	F.	M.	M.	M.	M.	F.	M.	F.	M.	F.	F.	F.
Age (years) ...	59	19	26	31	30	4	14	44	55	4	39	46	20	11	months. 18	39	40	18
Days	4	7	4	2	6	3	9	4	14	7	9	8	4	6	2	10	5	5

The following table shews the number of Cases Admitted into the Hospitals in age periods, and the diseases from which they were suffering :—

Diseases.	Ages.									Totals.
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 upwards.	
Small Pox ...	1	7	16	30	30	9	8	2	1	104
Measles	...	...	1	...	...	...	...	...	...	1
Scarlatina.....	1	75	222	30	7	1	...	...	...	336
Diphtheria ...	1	3	5	1	...	...	...	...	...	10
Typhoid Fever	...	2	21	23	7	4	3	...	...	60
Isolation	...	...	1	2	...	2	2	...	...	7
Totals.....	3	87	266	86	44	16	13	2	1	*518

* Six Cases included in this number (518) were admitted from Districts outside the City Boundary.

No. 14.—TABLE shewing the Number of ADMISSIONS into the Hospitals of the Urban Sanitary Authority during the year 1900, with the Nature of the Diseases, the number of Deaths, and the Districts from which they were removed.

DISEASES	Drypool	Sutton	East Sculcoates	West Sculcoates	Humber	Myton	Newington	Newland	Stone-ferry	Mar-fleet	Total Admissions
Small Pox	36	4	13	4	16	15	13	1	...	...	102
Measles	...	...	..	...	1	...	...	...	...	...	1
Scarlatina	48	13	18	98	33	70	36	18	...	...	334
Diphtheria	1	...	2	2	2	...	2	...	...	...	9
Typhoid Fever	23	9	6	5	10	3	2	1	...	...	59
Isolation	...	...	1	1	2	...	2	1	...	...	7
Totals	108	26	40	110	64	88	55	21	...	...	512
Deaths in Hospital—											
Small Pox	4	...	4	1	3	4	1	...	...		17
Scarlatina	3	1	1	6	1	...	2	...	...	...	14
Typhoid Fever	6	...	...	...	1	...	...	...	...	..	7
Measles	1	...	...	...	...	1	...	...	...	...	2
Diphtheria	1	...	...	...	1	...	1	...	...		3
Total Deaths	15	1	5	7	6	5	4	...	...	...	43

Six cases not included in above table have been admitted from outside the City Boundary (one of which died from Small Pox).

No. 15.—The following TABLE gives the NUMBER OF ADMISSIONS INTO THE HOSPITALS of the Urban Sanitary Authority from 1881 to 1900.

Diseases.	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	Totals
Cholera	...	...	...	...	...	...	...	...	...	...	...	2	12	...	...	...	...	...	...	...	14
Small Pox	16	85	45	144	65	...	9	150	6	22	2	10	178	34	4	4	7	4	800	104	1689
Measles	3	10	3	...	...	3	4	...	31	4	13	12	24	21	...	2	7	5	5	1	148
Scarlatina	122	88	68	14	192	251	351	323	198	114	77	192	286	291	494	400	481	221	285	336	4784
Diphtheria	...	...	1	1	...	5	4	5	4	11	11	13	9	10	12	2	...	...	2	10	100
Whooping Cough	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2
Typhus Fever	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Typhoid Fever	5	2	7	...	4	4	9	8	55	33	55	36	210	86	98	97	67	86	80	60	1002
Chol. Diarrhœa	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	1	...	...	8
Diarrhœa	...	...	...	...	...	2	...	...	...	...	...	7	5	...	1	...	...	...	...	...	15
Croup	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
Erysipelas	...	...	...	...	...	...	...	...	...	8	1	1	1	1	...	...	...	...	...	...	12
Dysentery	..	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
Isolation	...	...	...	...	...	...	...	...	17	12	7	9	6	1	1	2	...	4	7	7	73
Totals	146	185	124	160	261	265	377	487	314	204	168	284	738	444	610	507	562	321	1179	518	7854

Constitutional Diseases.

Phthisis caused 305 deaths, as against 300 in 1899, and 270 in 1898; the death-rate in 1900 being equal to 1·2 per 1000 per annum, as against 1·2 in 1899 and 1·1 in 1898.

Cancer contributed 139 deaths, being most fatal between the ages of 55 and 75.

Other constitutional diseases caused 259 deaths.

Developmental Diseases.

Under this heading 361 deaths have been recorded, as against 343 in 1899, the principal causes of death being from Old Age, 238; Premature Birth, 115.

Diseases of the Nervous System.

Four hundred and eighty-two deaths have been recorded under this heading, as against 456 in 1899, and include 188 from Convulsions, and 236 from Apoplexy, Brain Paralysis, &c. The greater number of the former occurred in young children, aged 1 year and under.

Diseases of the Circulatory System.

These diseases caused 332 deaths, as against 336 in 1899. Two hundred and ninety of the deaths were due to diseases of the heart.

Diseases of the Respiratory System.

These diseases (other than Consumption) caused 851 deaths, as against 728 in 1899, of which 481 were due to Bronchitis and 323 to Pneumonia.

Influenza.

During the year 108 deaths were certified to be due to Influenza.

The following Tabulated Statement shews Number of Deaths from Influenza, in fortnights, and the Districts in which they occurred, during the year 1900.

Fortnight ended	Drypool	Sutton	East Sculcoates	West Sculcoates	Humber	Myton	Newington	Newland	Stoneferry	Marfleet	Totals
Jan. 6...	1	...	1	...	...	...	...	...	...	...	2
,, 20...	1	...	2	1	2	1	...	1	...	...	8
Feb. 3..	3	...	2	3	1	3	4	1	...	...	17
,, 17...	2	1	1	7	4	7	2	...	...	...	24
March 3...	2	3	...	3	5	1	1	1	...	...	16
,, 17...	...	...	...	3	1	1	1	1	...	...	7
,, 31...	...	...	...	1	...	...	1	...	...	...	2
April 14...	...	...	...	3	...	1	1	1	...	...	6
,, 28...	1	...	...	...	...	1	...	...	...	...	2
May 12...	1	1	...	...	...	...	1	...	...	...	3
,, 26...	2	...	...	...	...	...	...	...	...	...	2
June 9...	...	...	1	2	...	...	...	...	...	...	3
,, 23...	1	...	...	...	...	...	...	...	...	...	1
July 7..	1	...	...	...	...	...	...	...	...	...	1
,, 21...	...	...	...	...	...	...	...	...	...	...	...
Aug. 4...	...	...	...	...	...	...	...	...	...	...	...
,, 18...	...	...	...	1	...	...	...	...	...	...	1
Sept. 1...	1	...	...	...	...	...	...	...	...	...	1
,, 15...	...	...	...	...	...	...	...	...	...	...	...
,, 29...	...	...	...	1	...	1	...	...	...	...	2
Oct. 13...	...	...	...	...	...	...	...	...	...	...	...
,, 27...	...	...	...	...	...	...	...	...	...	...	...
Nov. 10...	...	...	...	...	...	...	...	...	...	...	...
,, 24...	...	...	...	...	1	...	1	...	...	...	2
Dec. 8...	2	...	...	1	1	1	...	...	...	...	5
,, 22...	...	...	...	...	...	...	...	...	...	...	...
Total ...	18	5	7	26	15	17	12	5	...	...	105

TABULATED STATEMENT.

District.	INFLUENZA.										Influenza accompanied by diseases of the Respiratory Organs (Bronchitis, Pneumonia).										Diseases of the Respiratory Organs (Bronchitis, Pneumonia, Phthisis).										Total Deaths.		
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 55	55 to 75	75 and upwards.	Males.	Females	Total.	0 to 1	1 to 5	5 to 15	15 to 25	25 to 55	55 to 75	75 and upwards.	Males.	Females	Total.	0 to 1	1 to 5	5 to 15	15 to 25	25 to 55	55 to 75	75 and upwards.	Males.	Females	Total.	Males.	Females	Total.
ypool	1	...	...	...	4	4	1	4	6	10	1	...	1	...	4	2	...	4	4	8	45	28	4	15	32	27	5	82	74	156	90	84	174
tton	...	...	...	...	1	2	...	2	1	3	...	...	...	...	1	1	...	2	...	2	10	17	1	3	12	5	...	29	19	48	33	20	53
st Sculcoates	...	1	...	...	1	1	...	...	3	3	...	...	...	1	1	1	1	1	3	4	10	13	2	4	21	16	7	32	41	73	33	47	80
est Sculcoates	...	...	1	...	1	6	8	10	6	16	...	...	...	...	2	6	3	6	5	11	43	29	6	25	47	27	12	107	82	189	123	93	216
mber	...	...	...	...	2	2	2	3	3	6	...	...	...	2	...	6	1	3	6	9	39	33	7	20	54	41	6	111	89	200	117	209	326
ton	...	1	...	...	1	1	3	2	4	6	...	...	...	1	4	6	1	9	3	12	58	56	8	13	72	47	22	148	128	276	159	135	294
wington	1	...	...	...	1	4	...	2	4	6	1	...	...	2	2	...	2	2	5	7	26	32	6	7	20	25	10	66	60	126	70	69	139
wland	...	...	...	...	1	3	...	1	3	4	...	...	...	...	...	1	...	...	1	1	5	8	1	5	10	5	3	24	13	37	25	17	42
oneferry	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	11	...	2	2	4	2	2	4
rfleet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total.....	2	2	1	...	12	23	14	24	30	54	2	...	1	6	14	23	8	27	27	54	236	216	35	93	269	204	65	601	508	1109	652	676	1328

CHART shewing the number of DEATHS from DISEASES of the RESPIRATORY ORGANS, and CONSUMPTION, together with the DEATH RATE from all causes, and the TEMPERATURE and RAINFALL in fortnights, 1900.

Death Rate—
Respiratory Organs—
Consumption—

	JAN.		FEB.		MAR.			APRIL		MAY		JUNE		JULY		AUG.		SEPT.			OCT.		NOV.		DEC.	
TEMPERATURE MAXIMUM	49-0	48-0	52-0	46-0	57-0	53-0	51-0	61-0	75-0	65-0	68-0	70-0	84-0	71-0	83-0	85-0	79-0	72-0	73-0	72-0	70-0	60-0	60-0	53-0	55-0	56-0
TEMPERATURE MEAN	36-1	36-9	38-5	31-5	41-0	39-3	37-1	43-5	49-2	48-5	48-2	53-2	61-3	58-1	65-2	64-2	59-3	58-1	57-2	56-1	52-½	45-½	47-0	40-8	43-7	45-1
TEMPERATURE MINIMUM	19-0	27-0	24-0	18-0	28-0	25-0	23-0	23-0	29-0	32-0	31-0	43-0	49-0	45-0	39-0	47-0	45-0	42-0	37-0	40-0	29-0	32-0	34-0	29-0	36-0	32-0
Rainfall in Inches	2-63	0-57	0-91	1-27	1-93	0-4	0-37	0-70	0-37	1-02	0-27	0-38	1-05	1-40	0-45	1-49	1-79	1-79	0-20	0-97	0-97	1-63	1-33	1-34	1-34	0-44

Violence.

One hundred and fifty lives were lost by accident or negligence, as against 175 in 1899. Deaths from accidents or negligence of all kinds, including Homicide or Suicide, caused 166 deaths, being equal to 3·6 per cent. of the total deaths. The number of deaths from Drowning was as follows, viz. :—41 as against 34 in 1899, and 37 in 1898.

Inquests.

The number of deaths which have formed the subject of a Coroner's inquiry was 300, as against 345 in 1899, and 323 in 1898. The Coroner also investigated the circumstances attending the deaths of 99 persons (46 males and 53 females), in which he did not consider it necessary to hold inquests.

The following table shews the number of Inquests held in Kingston upon Hull, from the 1st January to 31st December, 1900, and the months in which they have occurred :—

	Males.	Females.	Total.
January	18	13	31
February	14	10	24
March	25	14	39
April	10	9	19
May	16	9	25
June	10	4	14
July	18	3	20*
August	12	...	12
September ...	18	2	20
October	23	9	32
November... ...	22	5	27
December	28	10	37†
Unknown ...	...	...	...
	214	88	300

* This total of 20 included an inquest on 2 male children.
† ,, 37 ,, ,, 2 female ,,

Ill-defined and not Specified Causes.

Four hundred and forty-six deaths are classified under this heading, the majority being from Debility and Uncertified causes of death, as against 414 in 1899, and 469 in 1898.

Uncertified Deaths.

During the year 93 deaths were not certified, either by a registered medical practitioner or by the Coroner, as against 93 in 1899 and 40 in 1898, being at the rate of 2·0 per cent. of the total deaths. In London the proportion was only 0·6 per cent. of the total deaths, whilst it averaged 1·3 in the thirty-two other great towns. No uncertified death was registered either in Croydon or in Derby, and the proportion of deaths registered as uncertified did not exceed 0·1 per cent. in Oldham and 0·3 per cent. in Plymouth. The highest proportions were 4·1 per cent. in Liverpool, 4·0 in Halifax, 3·1 in Preston, 3·0 in Liverpool and 3·0 in Gateshead.

Sanitation.

During the year, twelve thousand nine hundred and forty-six houses have been examined in the house-to-house inspection. Five thousand two hundred and forty-one visits and inspections have been made to ascertain if works ordered by notices were in progress, and to examine houses respecting which complaints had been received.

Two thousand one hundred and forty-three visits have been made to Common Lodging Houses, including one thousand nine hundred and thirty-six day and two hundred and seven night visits. One thousand four hundred and ninety-one inspections were made of shops where milk was sold; six thousand one hundred and thirty cases of infectious disease were investigated, five hundred and eighteen patients removed to the Hospitals, and two thousand nine hundred and forty-four houses disinfected.

Housing of the Working Classes Act, 1890.

Part II.

The provisions of this important Act are being steadily enforced, with a result that many of the insanitary dwelling-houses which formerly existed in various parts of the City are being demolished.

Your Medical Officer of Health, and the specially appointed Inspectors, continue their systematic inspections of dilapidated dwellings.

Numerous reports, plans and photographs have been prepared and presented to your Special Committee, who have met frequently and devoted a great amount of time to the consideration of such reports and the carrying out of the work devolving upon them under this Act.

During the year 124 dwelling-houses have been reported as unfit for human habitation, and notices were served upon the owners. Legal proceedings were instituted for the compulsory closure of 94 dwelling-houses. Structural alterations and conversions of the property into warehouses, &c., in several cases have been carried out, and upwards of 125 insanitary dwellings have been demolished, and the sites cleared.

The dwelling-houses dealt with are generally crowded together, without sufficient light and ventilation, and are damp and dilapidated. Such tenements are usually unprovided with backways, and their sanitary conveniences often adjoin the dwellings or abut upon others.

Such houses cannot effectually be rendered habitable without total demolition and reconstruction in accordance with the laws of modern sanitation.

The population inhabiting this class of tenements are for the most part migratory, and up to the present little inconvenience has been caused to the persons displaced in the carrying out the provisions of this Act.

The inauguration of improved means of locomotion has a tendency to attract the respectable artisan to the suburbs of the City, where improved dwelling-house accommodation is rapidly being provided with more modern conveniences.

The migration to the suburbs doubtless prevents overcrowding in the centre of the City, and has led to the erection of warehouses, factories, &c., upon the sites where formerly insanitary dwelling-houses existed.

The opening out of such areas has a far-reaching effect, not only upon the surrounding inhabitants, but also upon the general health of the community.

STATEMENT SHEWING THE NUMBER OF PROSECUTIONS UNDER THE HOUSING OF THE WORKING CLASSES ACT, 1890, FOR THE YEAR 1900.

Date, 1900.	Offence.	Result.
	HOUSES UNFIT FOR HUMAN HABITATION.	
January 10th	Nos. 72, 74, Scott Street	Closing Orders with Costs.
,, ,,	Nos. 1, 2, 3, 4, 5, Walton's Court, Scott Street	Closing Orders with Costs.
,, 25th	Nos. 1, 2, 3, 4, 5, Jane's Place, Porter Street	Closing Orders with Costs.
,, ,,	Nos. 51, 53, 54, Mytongate, and Cottage at the rear	Summonses adjourned for Owner to demolish Houses.
March 22nd	Nos. 5, 7, 9, 11, 13, Little Queen Street	Closing Orders with Costs.
,, ,,	No. 12, Trundle Street	Closing Order with Costs.
,, ,,	Nos. 16, 17, 18, Trundle Street	Closing Orders without Costs.
,, ,,	Nos. 1, 2, 3, 4, 5, Oliver's Court, Trundle Street	Closing Orders without Costs.
,, ,,	Nos. 9, 11, 13, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 5, 6, Irving's Court, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 27, 29, 31, 33, 57, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 22, 41, 43, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 2, 7, Irving's Court	Closing Orders with Costs.
,, ,,	No. 45, Roper Street	Closing Order with Costs.
,, 27th	Nos. 3, 15, 17, 19, 21, 23, 25, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 35, 37, 39, Roper Street	Closing Orders without Costs.
,, ,,	Nos. 47, 49, 51, 53, 55, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 59, 61, 63, 65, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 36, Myton Street	Closing Order with Costs.
,, ,,	No. 4, Roper Street, and a House at the rear thereof	Closing Orders with Costs.
,, ,,	Nos. 1, 2, 3, Mariner's Place, Roper Street	Closing Orders with Costs.
,, ,,	No. 10, Roper Street	Closing Order with Costs.
,, ,,	Nos. 12, 14, 16, 18, 20, Roper Street	Closing Orders with Costs.
,, ,,	Nos. 1, 2, 3, 4, 5, 6, Burnham's Square, Roper Street	Closing Orders with Costs.
,, ,,	No. 6, Roper Street	Summonses adjourned for Owner to demolish Houses.
,, ,,	Nos. 1, 2, Duffin's Place, Roper Street	
,, 28th	Nos. 1, 2, 3, Sitwell Street	Closing Order with Costs.
,, ,,	Nos. 1, 2, 3, 4, Sitwell Square, Sitwell Street	Closing Order with Costs.
,, ,,	One House on the West side Sitwell Passage	Closing Order with Costs.

Destructor.

The following table shews the number of loads destroyed during the undermentioned years :—

Year.	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
No. of Loads	4119	4184	4759	4409	4493	4922	6129	9382	9251	7997	10011	10734	13587	15706	17794	20687

New Destructor.

During the year arragements have been entered into with the Horsfall Furnace Company, Leeds, for the erection of an additional Destructor on the site acquired in the Western District.

A Local Government Board Enquiry was held in July, by one of Her Majesty's Inspectors, to enable the Corporation to acquire the sum of £20,000 for carrying out the scheme, which was subsequently sanctioned.

Epizootic Disease.

There have been 27 outbreaks of Swine Fever. One hundred and thirty-two animals have been affected, some of which died from the disease, and the remainder slaughtered; also 123 animals were in contact.

The carcases of the affected animals were condemned, and removed to the Destructor for cremation.

Foot and Mouth Disease.

There has been an outbreak of Foot and Mouth Disease. Twelve beast were found to be affected, 4 pigs and 1 goat had been in contact. All the animals were slaughtered and buried.

Public Mortuary.

Table shewing the number of bodies admitted, inquests, and post-mortems held, and funerals that have taken place from the Mortuary during the year 1900 :—

Month.	Bodies Admitted.			No. of Post-Mortems.			No. of Inquests.	No. of Funerals.	No. of Drowning cases.		
	Males.	Females.	Total.	Males.	Females.	Total.			Males.	Females.	Total.
January	6	10	16	6	10	16	16	3	...	...	...
February	9	4	13	4	4	8	12	4	3	...	3
March	11	5	16	7	5	12	16	6	4	...	4
April	4	4	8	2	4	6	8	3	2	1	3
May	10	5	15	7	5	12	15	9	3	1	4
June	7	1	8	4	...	4	5	5	2	...	2
July	8	2	10	5	2	7	9	2	4	...	4
August	10	...	10	6	..	6	9	2	2	...	2
September.....	12	1	13	9	1	10	11	5	4	...	4
October	18	4	22	12	4	16	19	8	5	1	6
November	13	4	17	8	4	12	16	8	3	...	3
December	15	6	21	9	4	13	19	9	5	1	6
Totals	123	46	169	79	43	122	155	64	37	4	41

TABLE SHEWING THE TOTAL NUMBER OF DEATHS FROM DROWNING DURING THE LAST ELEVEN YEARS.

Year...	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	Total
Deaths	26 ...	46 ...	44 ...	28 ...	37 ...	42 ...	46 ..	34 ...	37 ...	26 ...	41 ...	406

New Dwelling-Houses.

The number of plans for dwelling-houses approved by the City Corporation during the year 1900 was 2030, as compared with 2353 in 1899 and 1685 in 1898.

Public Baths.

During the year one hundred and fifty-three thousand five hundred and seventeen persons have availed themselves of the use of the Public Baths, particulars of which are given below.

TRIPPETT.			MADELEY STREET.			*EAST HULL.		
1886	...	41193	1886	...	40461		—	
1887	...	42486	1887	...	42724		—	
1888	...	38494	1888	...	41213		—	
1889	...	55320	1889	...	51147		—	
1890	...	59465	1890	...	54195		—	
1891	...	61667	1891	...	48385		—	
1892	...	57986	1892	...	53275		—	
1893	...	57482	1893	...	58039		—	
1894	...	54831	1894	...	61224		—	
1895	...	58767	1895	...	67307		—	
1896	...	54284	1896	...	59230		—	
1897	...	55861	1897	...	59627		—	
1898	...	56653	1898	...	61732		—	
1899	...	42659	1899	...	58524	1899	...	59431
1900	...	38417	1900	...	57059	1900	...	58041

* NOTE.—Opened in 1899.

Flushing and Distribution of Disinfectants.

Two hundred gallons of Disinfectant Fluid have been given to persons applying at the offices of the Sanitary Department and the Police Stations; also two hundred and thirty gallons have been distributed by the Sanitary Inspectors at the houses in which infectious diseases have occurred.

Seventy-four tons of disinfecting powder have been distributed during the process of the collection of excreta and house refuse by the various contaactors, which was continued from time to time during the whole of the year.

Common Lodging Houses.

A systematic inspection of these houses has been carried out by your Inspector both day and by night, and special reports have from time to time been furnished to your Committee.

Food Inspection.

During the year three hundred and thirty-nine tons of Meat, Fruit, Fish and Vegetables, &c., have been condemned and destroyed as unfit for human food.

Food and Drugs.

The following report on the working of the Food and Drugs Act, was presented to your Committee in July :—

I would direct your attention to the fact that the degree in which the Food and Drugs Acts are utilised is by no means uniform in different districts. Within the jurisdiction of 10 County Councils, extending over an aggregate population of 910,032, only 180 samples were analysed, or one sample a year for every 5,056 persons; and in 16 Boroughs with an aggregate population of 405,239, only 68 samples were analysed, or one for every 5959 persons.

In this City the average number of samples taken for the past five years was equal to about 0·78 per 1,000 of the population.

In order to more efficiently carry out the provisions of the above Acts, and on the lines suggested by Mr. J. Cornelius, Inspector, Board of Agriculture, I would respectfully recommend that a greater variety and number of samples be taken for analysis than hitherto, and would suggest that at least 30 samples of the more common articles of food be taken systematically every fortnight, viz. :—Milk, Butter, Tea, Coffee, Cocoa, Sugar, Flour, Oatmeal, Lard, Mustard, Icecream, Jam, Wine and Spirits, Sweet Nitre, Castor Oil, Cod Liver Oil and Paregoric.

These Acts are carried out by your District Inspectors of Nuisances, and I would respectfully recommend that where they have reason to believe that a different article would be supplied to them from that supplied to an ordinary purchaser, they should be empowered to employ other agents to make the purchase before they themselves enter the premises from which such samples are being obtained.

The number of samples suggested to be taken would be equal to about 3 per 1000 of the present population per annum.

By adopting this uniform method of taking samples, I am of opinion that the suggestions of the Board of Agriculture would be effectually carried out.

Arsenic in Beer.

In December last, a circular letter was received from the Local Government Board in reference to illness in different parts of the country alleged to have been caused by drinking beer containing arsenic.

The presence of arsenic being due to the brewing of the beer with glucose or other substitutes for sugar prepared with sulphuric acid in which arsenic was accidentally present, and also that glucose or other sugar substitutes are used, not only in the brewing of beer, but also in the making of jams, syrups, sweets and similar articles of food, due publicity was given to this possible source of poisoning, and the Sanitary Committee directed that samples of beer be forthwith taken and tested for the presence of arsenic.

I am pleased to record that, of the numerous samples of beer taken in the City, none were found to contain traces of arsenic. I have to acknowledge the assistance afforded the officials by the trade generally in offering all facilities for inspection and the taking samples.

Various samples of jams, syrups, sweets, &c., were also taken, and certified to be free from arsenic.

Cowsheds, Dairies and Milkshops.

Under the Cowsheds, Dairies and Milkshops Order of 1879 and 1885 there were registered up to the end of 1900 265 Cowsheds and Dairies and 968 Milkshops.

Eleven applications were made during the year for the registration of Cowsheds and Dairies, all of which were granted.

The number of inspections made of Cowsheds and Dairies was 803, and Milkshops 1491.

Slaughter Houses, &c.

The number of inspections made of Slaughter Houses was 987, Curing Houses 714, and Fish Shops 1207.

Collection of Dry Dust.

The collection of dry dust has been considered by a specially appointed Committee with a view to the work being undertaken by the Corporation. Arrangements have been made to provide the necessary plant and stabling, also to purchase horses and engage men, in order that the Corporation may take over this work as the existing contracts expire.

It has been decided to adopt a dust van similar in design to those used by the London County Council.

The Council further determined to appoint a special Inspector to supervise the carrying out of this work.

The Authority are to be congratulated upon their decision to undertake this important work, which I believe will prove of great public advantage, and will doubtless lead to greater efficiency and less complaints in the future.

I would again urge the desirability of the collection of excreta also being undertaken by the Municipality.

SANITARY LEGISLATION.

The following are the principal Acts dealt with during the year, which either wholly or partly relate to Local Government or Sanitary Administration :—

Housing of the Working Classes Act.
Census (Great Britain) Act.
Census (Ireland) Act.
County Councils (Elections) Amendment Act.

Housing of the Working Classes Act, 1890.

This Act is one to amend Part 3 of the above Act—that is, the part which deals with the provision of working-class lodging-houses.

Before the passing of this Act, a Local Authority, in the exercise of their powers under Part 3 of the Act of 1890, were not, as it was thought, enabled to provide lodging-houses for the working-classes outside their district. The difficulty has, however, been removed by Section 1 of the new measure, which provides that where any Council, other than a Rural District Council, have adopted Part 3, they may, for supplying the needs of their district, establish or acquire lodging-houses for working-classes under that part outside their district.

Amongst the unsuccessful Bills brought forward were the Public Health Acts Amendment Bill, re-introduced by Sir A. Hickman, but not proceeded with, as the matter needs to be dealt with by a comprehensive Government Measure; the Isolation Hospitals (Amendment) Bill, re-introduced by Lord Lichfield, but abandoned, no doubt owing to the opposition to some of its proposed provisions; the Midwives Bill; the Urban District Councils Bill; the Rivers Pollution Prevention Bill; the Water Supply Bill; and others.

Infectious Diseases (Notification) Act.

During the year 5339 cases of infectious disease have been notified by medical practitioners to your Medical Officer of Health. The Sanitary arrangements of the premises have been carefully inspected, and notices forwarded to the Clerk of the School Board, to the Principals of private and other schools and to the Librarian of the Public Libraries daily, notifying to them the addresses of the various cases of infectious disease.

INFECTIOUS DISEASES (NOTIFICATION) ACT, 1889.

Adopted 1st February, 1890 (Measles included 10th February, 1893).

Cases Notified during the Year 1900.

Months. 1900.	Cholera (English).	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Typhus Fever.	Typhoid Fever.	Puerperal Fever.	Continued Fever.	Relapsing Fever.	Croup.	Erysipelas.	Totals.
January	...	52	417	65	9	...	11	...	1	...	2	18	575
February	...	23	312	48	2	...	6	1	2	...	3	18	415
March	...	20	323	79	7	...	5	1	1	...	1	13	450
April	...	8	392	113	8	...	6	...	...	...	1	26	554
May.....	...	1	263	159	14	...	6	4	1	...	...	28	476
June	...	3	559	126	5	...	7	2	1	...	2	31	736
July.....	...	1	302	98	9	...	6	...	1	...	...	20	437
August	...	...	127	64	6	...	31	2	2	...	1	10	243
September ...	...	1	72	92	6	...	49	2	2	...	1	15	240
October	...	...	190	104	7	...	44	2	3	...	2	25	377
November ...	...	...	242	119	10	...	20	1	1	...	1	25	419
December ...	...	...	247	112	16	...	16	...	1	...	1	24	417
TOTALS ...	...	109	3446	1179	99	...	207	15	16	...	15	253	5339

METEOROLOGY.

The two latter charts embodied in the report shew the fortnightly record of the Meteorological conditions throughout the year. The lower portions of the charts give a diagram of the fortnightly Death Rate from all causes, the number of deaths from Diarrhœa and Measles, Diseases of the Respiratory Organs and Consumption, as compared with the various Meteorological conditions.

For the Meteorological portion of the Report I am greatly indebted to E. A. Peak, F. R. Met. Soc., Parks Superintendent.

Meteorological Remarks for 1900.

January.

The weather throughout the month was generally showery, dark, dull and overcast, very mild on the whole, and very often misty, only 13½ hours of sunshine being recorded. Winds often westerly, sometimes quite calm, moderate or light at other times. Snow fell on the 13th, hail on the 28th and 29th. Fog prevailed on the 1st and 2nd. Rain fell on 20 days, the greatest fall in one day was 0·58 on the 1st, the total fall being 2·89 inches. The highest reading of the maximum thermometer was 52° on the 23rd, and the lowest minimum temperature was 24° on the 28th, the mean temperature of the month being 38° 3′. The highest reading of the barometer was 30·016 on the 11th, and the lowest was 29·396 on the 28th, the mean reading being 29·899. The mean temperature of the earth at 1ft. deep was 36° 9′, and at 4ft. 43°.

February.

This was the coldest month of the year, and the weather generally dull with frequent showers of rain, sleet or snow. Frosts of more or less severity occurred almost every night from the 1st to the 22nd, the lowest point being reached on the 8th, when the temperature fell as low as 18°, which was also the lowest during the year. An unusual storm of wind, with sleet and snow occurred on the 15th, which might fittingly be

called a blizzard. Rain fell on 19 days, the greatest fall in one day was 0·17 inch on the 15th, the total fall being 3·40 inches. Winds generally northerly at first, westerly afterwards, quite calm on 3 days, moderate or light at other times, except on the 15th (already mentioned). Snow fell on the 3rd, 6th, 10th, 11th, 13th, 14th and 15th. Fog prevailed on the 22nd, and 38½ hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 57° on the 23rd, and the lowest minimum temperature was 18° on the 8th, the mean temperature of the month being 38° 5′. The highest reading of the barometer was 30·040 on the 8th, and the lowest was 28·460 on the 19th, which was the lowest during the year—the mean reading being 29·589—the lowest mean during the year. The mean temperature of the earth at 1ft. deep was 35° 1′, and at 4ft. 41° 4′. Lightning was seen on the 15th, a solar halo on the 13th, and a lunar halo on the 12th.

March.

This was the driest month of the year, the total rainfall amounting to 0·48 inches only, the heaviest fall in one day being 0·11 inch on the 26th. The weather was rather cloudy, but generally fine throughout the month, often with mist or fog at the beginning, and more wintry weather towards the end, with occasional slight falls of hail and snow, which occurred on the 18th, 25th, 26th, 27th and 28th. Winds often northerly or easterly, quite calm on some parts of the 3rd, 5th, 8th, 9th, 11th, 21st and 30th, squally on the 26th, moderate or light at other times. There was fog on the 10th, 11th and 12th, and 75½ hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 53° on the 12th, and the lowest minimum temperature was 23° on the 30th, the mean reading being 38°. The highest reading of the barometer was 30·616 on the 13th, which was the highest reading during the year, and the lowest 29·200 on the 19th, the mean reading being 30·031. The mean temperature of the earth at 1ft. deep was 38° 4′, and at 4ft. 41° 9′.

April.

Rather showery weather prevailed during the first part of the month, sometimes squally or stormy; the remainder was generally fine, with a small amount of cloud, but frequently with cold winds and a great variation in temperature. Winds for the most part S.W. or W., stormy on the 11th, 13th and 16th, fresh on the 12th, occasionally quite calm, moderate or light at other times. The rainfall was not heavy, being 1·08 inches; the heaviest fall was but 0·19 inch on the 3rd. There was fog on the 7th and 29th, a thunderstorm on the 16th, and 124 hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 75° on the 21st, and the lowest minimum temperature was 23° on the 1st, the mean temperature for the month being 46° 4′. The highest reading of the barometer was 30·564 on the 19th, the lowest 29·240 on the 4th, the mean reading being 29·965. The mean temperature of the earth at 1ft. deep was 43° 3′, and at 4ft. 43° 9′.

May.

Although rain fell on a good many days, yet the rainy periods were generally of short duration, and the total rainfall 1·37 inches, a rather small one; a somewhat heavy fall, 0·76 inch, occurred on the 8th. There was often a great amount of cloud and frequent cold winds, the direction of which were mostly N.E. and S.W., moderate or light throughout the month. There was no fog, and 107 hours of sunshine were recorded. Thunder was heard, but lightning not seen on the 23rd. The highest reading of the maximum thermometer in the shade was 69° on the 27th, and the lowest minimum temperature was 31° on the 17th, the mean temperature of the month being 48° 8′. The highest reading of the barometer was 30·400 on the 29th, the lowest 29·470 on the 3rd, the mean reading being 30·016. The mean temperature of the earth at 1ft. deep was 49° 1′, and at 4ft. 48° 1′.

June.

Cloudy weather, with showers of short duration, prevailed during the first and second weeks. The middle of the month

was remarkable for great heat, 84° being registered in the shade on the 12th. Afterwards the weather became less bright, with a great amount of cloud, and more frequent showers, often with thunderstorms, and becoming much colder, which continued to the end of the month. Winds often S.W., W., or N.E., strong on the 10th, fresh on the 3rd, 10th and 26th, often calm in the afternoons. Rain fell on 19 days; the heaviest fall in one day was 0·38 inch on the 19th, the total rainfall being 1·93 inches. Thunderstorms occurred on the 10th, 12th, 13th, 15th, 20th and 25th, and thunder was heard, but lightning not seen on the 7th and 23rd. There was fog at night on the 8th, and 122¾ hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 84° on the 12th, and the lowest minimum temperature was 43° on the 1st, 2nd, 3rd and 9th, the mean temperature of the month being 60° 2′. The highest reading of the barometer was 30·374 on the 1st, the lowest 29·570 on the 25th, the mean reading being 29·958. The mean temperature of the earth at 1ft. deep was 56° 5′, and at 4ft. 53° 5′.

July.

This was both the hottest and most sunny month of the year. The weather was dry on the whole, but rather showery the first few days, the total rainfall being 1·62 inches. Temperature very variable, with a moderate amount of cloud, and light winds generally, sometimes quite calm, fresh on the 6th, 7th and 28th. Thunderstorms occurred on the 3rd, 16th, 20th and 27th. Thunder was heard but lightning not seen on the 6th. Hail fell on the 3rd. There was no fog, and 181 hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 85° on the 25th—the hottest day of the year—and the lowest minimum temperature was 39° on the 8th, the mean temperature of the month being 63° 3′. The highest reading of the barometer was 30·316 on the 17th, the lowest 29·560 on the 1st, the mean reading being 30·034. The mean temperature of the earth at 1ft. deep was 60° 7′, and at 4ft. 57° 5′.

August.

This was the wettest month of the year. There were two rainy periods during the month, the first prevailed from the 2nd to the 9th (dates not inclusive), the second from the 21st to the 26th (dates inclusive). The remainder of the month was generally fine, the periods being pretty well defined. The temperature also varied very much in the same way, cold often accompanying the wet. The total rainfall was 4·71 inches, the greatest fall in one day being 0·93 inches on the 3rd. A thunderstorm occurred on the 23rd. Thunder was heard but lightning not seen on the 8th and 24th. Hail fell on the 23rd, there was no fog, and 135¼ hours of sunshine were recorded. The highset reading of the maximum thermometer in the shade was 79° on the 13th, and the lowest minimum temperature was 42° on the 29th, the mean temperature of the month being 59° 1′. The highest reading of the barometer was 30·456 on the 29th, the lowest 29·216 on the 6th, the mean reading being 30·013. The mean temperature of the earth at 1ft. deep was 59° 6′, and at 4ft. 58° 2′.

September.

Fine, genial, dry autumn weather was experienced nearly all the month. Winds variable, for the most part westerly, sometimes quite calm, moderate or light at other times. Rain fell on 7 days only, the greatest fall in one day being 0·77 inch on the 16th, the total fall was 1·37 inches. There was fog on the 11th, 12th, 23rd, 28th and 29th. A thunderstorm occurred on the 16th, and 92½ hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 73° on the 13th, and the lowest minimum temperature was 37° on the 14th, the mean temperature of the month being 55° 6′. The highest reading of the barometer was 30·550 on the 13th, the lowest 29·532 on the 27th, the mean reading being 30·136, the highest during the year. The mean temperature of the earth at 1ft. deep was 54° 7′, and at 4ft. 56° 2′.

October.

The weather this month may be described as more showery than remarkable for heavy falls of rain, with less clouds and more sunshine than might have been expected, considering the frequent falls of rain which occurred on 22 days; the greatest fall in one day was 0·82 on the 26th, the total rainfall being 2·88 inches. Winds frequently S.W. or N.W., sometimes quite calm, more especially so in the evenings, fresh on the 6th and 14th, moderate or light at other times. There was fog on the 30th, and 75¾ hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 70° on the 9th, and the lowest minimum temperature was 29° on the 4th, the mean temperature of the month being 48° 4′. The highest reading of the barometer was 30·154 on the 22nd, the lowest 29·104 on the 26th, the mean reading being 29·934. The mean temperature of the earth at 1 foot deep was 49° 1′, and at 4 feet 53° 9′.

November.

Although rain fell on every day except eight during the month, and sometimes for rather long periods, when it often took the form of drizzle rather than that of rain, the total rainfall, 2·67 inches, was not so large as might have been expected, the greatest fall in one day being only 0·34 inch on the 4th, consequently the weather was frequently dark, dull and overcast. Winds very variable in direction, stormy on the night of the 16th, occasionally quite calm, light or very moderate at other times. There was fog on the 1st, 2nd, 13th, 16th, 21st and 26th, and only 16¼ hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 60° on the 1st, and the lowest minimum temperature was 29° on the 11th, the mean temperature of the month being 43° 7′. The highest reading of the barometer was 30·434 on the 18th, the lowest 29·212 on the 15th, the mean reading being 29·745. The mean temperature of the earth at 1 foot deep was 44° 5′, and at 4 feet 50° 2′.

December.

This was the least sunny month of the year. The weather on the whole was much the same as November, being mild, dark, wet and overcast, but rather more so for the first and last few days than it was in the middle of the month. Rain fell on 18 days; the greatest fall in one day was 0·90 inch on the 30th, the total fall being 3·00 inches. Winds for the most part S.W., stormy on the nights of the 20th, 27th, 28th and 30th, fresh on the 21st and 25th, moderate or light at other times. Fog prevailed on the 22nd, 23rd, 24th and 25th. A lunar halo was seen on the 31st, and only 4¼ hours of sunshine were recorded. The highest reading of the maximum thermometer in the shade was 56° on the 20th, and the lowest minimum temperature was 27° on the 23rd, the mean temperature of the month being 42° 8′. The highest reading of the barometer was 30·368 on the 16th, the lowest 28·752 on the 28th, the mean reading being 29·840. The mean temperature of the earth at 1 foot deep was 42° 2′, and at 4 feet 47° 1′.

I have to thank you, Mr. Chairman, Deputy-Chairman and members of the Sanitary Committee for your very kind assistance at all times, and the members of the medical profession, those associated with our public Institutions in the City and the employers of labor, for the valuable assistance they have so willingly accorded me, and especially are my thanks due to the officials of the Sanitary Staff, who have been most devoted and unremitting in their attention to their duties throughout the year.

APPENDIX

TO THE

Report of the Medical Officer of Health.

1900.

ZYMOTIC DISEASES.—STREET LIST.

DRYPOOL.

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Arundel Street	1	0	1	1	2	0	3
Balfour Street	1	0	0	0	0	1	2
Barnsley Street	0	1	1	0	1	1	2
Beaumont Street	0	1	0	0	0	0	1
Beeton Street	0	0	0	0	0	1	1
Bellamy Street	0	1	0	0	0	0	0
Blythe Street	0	0	0	0	0	0	1
Bright Street	1	0	1	0	0	0	0
Buckingham Street	0	0	0	0	1	1	2
Courtney Street	1	3	0	0	1	0	2
Craven Street	0	1	0	0	0	0	0
Crowle Street	0	0	4	0	0	1	1
Dansom Lane	0	1	0	0	1	0	2
Durham Street	0	0	1	0	1	1	0
East Street	0	1	0	0	0	0	0
Ellis Street	0	0	0	0	0	0	1
Emily Street	0	0	0	0	0	0	1
Empringham Street	0	0	0	0	0	1	0
Feather Lane	0	0	0	0	0	1	1
Ferries Street	0	2	0	0	0	0	0
Franklin Street	0	1	0	0	0	0	0
Graham's Row	0	1	0	0	0	0	0
Great Union Street	0	1	0	0	0	0	2
Hedon Road	0	2	1	0	0	0	0
Holderness Road	0	1	0	0	0	0	2
Holland Street	0	0	1	0	0	0	0

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Hotham Street	0	1	0	0	0	1	0
Hume Street	0	0	0	0	0	0	1
James Street	0	1	0	0	0	0	2
Jalland Street	0	0	0	0	0	1	0
Kent Street	0	2	0	0	3	0	3
Lee Smith Street	0	5	0	0	1	0	2
Marvel Street	0	1	0	0	0	0	2
Merrick Street	0	0	0	0	0	1	0
Mersey Street	0	0	0	0	0	1	0
Naylor's Row	0	0	0	0	1	0	0
Nornabell Street	0	1	0	0	1	1	2
Pelham Street	0	0	1	0	0	0	1
Prior Street	0	1	0	0	0	0	0
Prospect Place	0	0	0	0	0	0	1
Raikes Street	0	0	0	0	0	0	3
Raven Street	0	2	0	0	0	0	0
Ripon Street	0	0	0	1	0	0	0
Sanatorium	0	0	0	0	0	1	0
Seward Street	0	0	0	0	0	0	1
Strawberry Street	0	1	0	0	0	0	0
Stubbin Street	0	0	1	0	0	0	2
Thomas Street	0	0	0	0	0	0	1
Victor Street	0	2	0	0	0	0	2
Waller Street	0	1	0	0	0	0	1
Warwick Street	0	0	0	0	0	1	3
Wentworth Street	0	2	0	0	0	0	1
Williamson Street	0	0	0	0	0	0	2
Woodhouse Street	0	3	0	0	0	2	1
Wyke Street	0	1	0	0	0	0	0
SUTTON.							
Bedford Street	0	0	0	0	1	0	1
Chapman Street	0	3	1	0	0	0	2
Cleveland Street	0	1	0	0	0	0	2

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Cornwall Street	0	1	0	0	0	0	1
Cuthbert Street	0	0	0	0	0	0	3
Dalton Street	0	0	0	0	0	0	3
Dansom Lane	0	0	0	0	0	0	1
Glasshouse Row	0	0	0	0	0	0	1
Hodgson Street	0	5	0	0	0	0	1
Howard Street	0	1	0	0	0	0	0
Howe Street	0	0	0	0	0	1	0
Lime Street	0	1	0	0	0	0	3
Poplar Street	0	0	0	0	0	0	1
Sidney Street	0	0	0	0	0	0	1
Spyvee Street	0	2	0	0	1	0	2
St. Mark Street	0	1	1	0	0	0	1
Sutton Bank	0	0	0	0	0	0	2
Witham	0	1	0	0	0	0	3
EAST SCULCOATES.							
Air Street	0	0	0	0	0	0	1
Aldbro' Street	0	0	0	0	0	0	1
Barmston Street	0	0	0	0	0	0	2
Bishop Street	0	2	0	0	0	0	2
Cannon Street	0	0	1	0	0	0	0
Caroline Street	0	0	0	0	0	0	1
Charterhouse Lane	0	0	0	0	0	0	1
Cumberland Street	0	2	0	0	1	0	2
Dock Street	0	0	0	0	0	0	1
Fountain Road	0	0	0	0	0	0	1
Green Lane	0	0	0	0	0	1	1
Kirkby Street	0	0	0	0	0	0	1
Lake Street	0	0	0	0	0	0	3
Mason Street	1	0	0	0	0	0	0
New George Street	0	1	0	0	2	0	3
Northumberland Avenue	0	1	0	0	2	0	1
Oxford Street	0	0	0	0	0	0	2

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Princess Street	0	0	0	0	0	0	1
Swann Street	0	1	1	0	0	0	3
Sykes Street	0	1	0	0	2	0	2
Trevor Street	0	0	0	0	1	0	0
Trippett Street	1	0	0	0	0	0	0
Westmoreland Street	0	1	0	0	0	0	0
Wincolmlee	2	0	0	0	2	0	0
York Street	0	2	0	0	1	0	2
WEST SCULCOATES.							
Alicia Street	0	0	0	0	0	0	1
Blundell Street	0	0	0	0	0	0	1
Bridlington Street	0	0	0	0	0	0	1
Brunswick Avenue	1	0	0	0	1	0	1
Cannon Street	0	0	0	0	0	0	2
Cave Street	0	2	0	1	0	0	0
Clifton Street	0	0	0	0	0	0	2
Derby Street	0	0	0	0	1	0	0
Eggington Street	0	1	0	0	0	0	0
Exchange Street	0	1	0	0	0	0	0
Fern Street	0	2	0	0	0	0	0
Fountain Road	0	1	0	0	0	0	1
Francis Street W.	0	0	0	0	0	0	1
Freehold Street	0	1	0	0	0	0	1
Gibson Street	0	0	0	0	1	0	0
Grange Street	0	1	0	0	0	0	4
Liddell Street	0	0	0	0	0	0	2
Lorne Street	0	0	0	1	1	0	2
Middleton Stroet	0	1	1	0	0	0	0
Nicholson Street	0	0	0	0	0	0	1
Norfolk Street	0	2	0	0	0	0	1
Park Road	0	0	0	1	0	0	0
Prospect Street	0	0	1	0	0	0	0
Providence Row	0	0	1	0	0	0	1

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Raywell Street	0	0	0	0	0	0	1
Reform Street	0	0	1	0	0	0	1
Rodney Street	0	0	0	0	0	1	1
Rose Street	0	0	0	0	0	0	1
Russell Street	0	0	0	0	0	0	2
Sculcoates Lane	0	1	0	0	0	0	1
Sculcoates Workhouse	0	0	0	0	0	2	1
Seaton Street	0	0	0	0	0	0	2
Somerscales Street	0	0	0	0	0	0	1
Stepney (Prague Terrace)	0	0	1	0	0	0	0
St. Paul's Street	0	1	2	0	0	0	3
Symons Street	0	1	0	0	0	0	2
Terry Street	0	0	0	0	0	0	1
Tynemouth Street	0	0	0	0	0	0	1
Walmsley Street	0	1	1	0	0	0	1
Waterloo Street	0	4	0	0	1	0	8
Worsley Street	0	1	0	0	0	0	0
HUMBER.							
Adelaide Street	0	0	0	0	0	0	6
Bishop Lane	0	0	0	0	0	0	1
Blackfriargate	1	0	0	0	0	0	0
Booth Street	0	0	0	0	0	0	1
Brook Street	0	0	0	0	0	0	1
Burden Street	0	0	0	0	0	0	2
Burton Street	0	0	0	0	0	0	1
Cambridge Street	0	0	0	0	0	0	1
Canning Street	0	0	0	1	0	0	0
Chapel Street	0	0	0	0	0	0	1
Cogan Street	0	0	0	0	0	0	1
Collier Street	0	0	0	0	0	0	2
Dagger Lane	0	0	0	0	0	0	1
Duke Street	0	0	1	0	0	0	0
Fawcett Street	0	0	0	0	0	0	1

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Finkle Street	0	0	0	0	0	0	2
Fish Street	0	0	0	0	0	0	1
Garden Street	0	0	0	0	0	0	2
George Yard	0	0	0	0	1	0	0
Grey Street	0	0	0	0	0	0	1
Grimsby Lane	0	0	0	0	1	0	0
Great Passage Street	0	0	0	0	0	0	2
Great Thornton Street	0	0	0	0	0	0	1
High Street	1	2	0	0	1	0	0
Hill Street	0	0	0	0	0	0	1
Humber Dock Side	0	0	1	0	0	0	0
Humber Street	0	0	0	0	1	0	0
Little Queen Street	0	0	0	0	0	0	1
Michael Street	0	0	0	0	0	0	1
Moxon Street	0	1	0	0	0	0	1
Mytongate	0	0	0	0	1	0	1
North Street	0	0	0	0	1	0	4
Osborne Street	0	1	0	0	0	1	3
Pease Street	0	0	0	0	0	0	1
Porter Street	0	1	0	0	0	2	6
Portland Place	0	0	0	0	0	0	1
Portland Street	0	0	0	0	0	0	1
Prospect Street	0	0	1	0	0	0	0
Royal Infirmary	1	1	0	3	0	3	5
Salthouse Lane	0	0	0	0	1	0	1
Short Street	0	0	0	0	0	0	3
Spencer Street	0	0	0	0	0	0	6
Spring Street	0	0	0	0	0	0	4
St. Luke's Street	0	0	0	0	0	0	1
Temperance Street	0	0	0	0	0	0	1
Trundle Street	0	0	0	0	0	0	1
Walker Street	0	0	0	0	0	0	3
Waterhouse Lane	0	0	0	0	0	0	1

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Waverley Street	0	0	0	0	0	1	1
West Street	0	0	0	0	0	0	1
William Street	0	0	0	0	0	0	1
MYTON.							
Adelaide Street	0	0	2	0	0	0	5
Alexandra Street	0	0	0	0	3	1	1
Alfred Street	1	0	0	1	0	0	1
Anlaby Road	0	0	0	0	0	0	1
Argyle Street	0	0	0	0	0	0	1
Ash Street	0	1	0	0	0	0	0
Bean Street	2	0	0	0	2	1	5
Campbell Street	0	0	0	1	3	0	2
Clarendon Street	0	0	1	0	0	1	1
Constable Street	0	0	0	0	1	1	0
Convent Lane	0	0	0	0	1	0	1
Daltry Street	0	0	0	0	0	1	0
Day Street	0	0	0	0	0	0	2
Division Road	0	1	0	0	0	0	3
Edgar Street	0	0	1	0	0	0	1
Eton Street	0	1	1	0	0	0	1
Gordon Street	0	0	0	0	1	0	0
Goulton Street	0	2	0	0	0	0	0
Harrow Street	0	2	1	0	2	1	0
Hessle Road	0	0	0	0	0	0	1
Jane Street	0	0	0	0	0	0	2
Kimberley Street	0	0	0	0	0	1	1
Lansdowne Street	0	0	0	0	0	0	1
Linnæus Street	0	0	0	0	0	0	1
Londesboro' Street	0	1	0	0	0	0	0
Marmaduke Street	0	2	1	0	0	0	2
Park Street	0	0	1	0	0	0	0
Parrott Street	0	0	0	0	0	0	1
Perry Street	0	0	0	0	0	0	2
Redbourne Street	0	0	0	0	0	0	3

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Regent Street	0	0	0	0	1	0	6
Ropery Street	1	1	0	0	0	0	0
Rosamond Street	0	2	0	1	0	0	1
Selby Street	0	0	0	0	0	0	1
South Parade	0	1	0	0	0	1	6
Staniforth Place	0	0	0	0	0	0	2
Stanley Street	0	0	1	0	0	0	0
St. James' Street	0	0	0	1	0	0	0
Strickland Street	0	2	0	0	0	0	7
Tadman Street	0	1	0	0	0	0	2
Tomlinson Street	0	0	0	0	0	0	1
Vauxhall Grove	0	2	1	0	0	0	1
Victoria Hospital	0	0	0	0	0	1	6
Walcott Street	0	3	0	0	0	0	1
Walker Street	0	0	0	0	1	0	1
Wassand Street	0	1	0	0	0	0	7
Wellsted Street	0	1	0	1	1	0	1
Wenlock Street	0	0	0	0	0	0	1
West Dock Avenue	0	0	0	0	0	0	1
West Parade	0	0	0	0	0	0	1
Wyndham Street	0	0	0	0	0	0	1
NEWINGTON.							
Alliance Avenue	0	0	0	0	0	1	1
Anlaby Road	0	0	0	0	0	0	1
Arthur Street	0	0	0	0	0	1	1
Beecroft Street	0	0	0	0	0	1	1
Brighton Street	0	1	0	0	0	0	7
Brunswick Avenue	0	0	0	0	0	0	1
Carlton Street	0	0	0	0	0	1	0
Chiltern Street	0	1	0	0	1	0	0
De-la-Pole Avenue	0	0	0	0	0	0	1
Eastbourne Street	0	1	1	0	0	0	1
Edinburgh Street	0	0	0	0	0	0	2

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Flinton Street	0	0	0	0	0	0	2
Gillett Street	0	2	1	0	1	0	6
Glasgow Street	0	0	0	1	0	0	2
Granville Street	0	0	0	0	0	0	2
Havelock Street	0	0	1	0	0	0	0
Hawthorne Street	0	0	0	0	0	0	2
Hessle Road	0	0	1	0	1	0	1
Liverpool Street	0	0	0	0	1	0	2
Manchester Street	1	1	0	0	0	0	2
Massey Street	0	1	0	0	0	0	3
Paisley Street	0	0	0	0	1	0	1
Railway Cottages	0	0	0	0	1	0	1
Rugby Street	0	0	0	0	0	0	3
Scarbro' Street	0	0	0	0	0	0	3
Selby Street	0	0	0	0	0	0	1
Somerset Street	0	1	0	0	0	0	3
Subway Street	0	1	0	0	0	0	0
St. Andrew's Street	0	0	0	0	1	0	3
St. George's Road	0	0	0	0	0	0	2
Westbourne Street	0	0	0	0	2	0	2
Western Villas	0	0	0	0	0	0	2
West Dock Avenue	0	0	0	0	0	0	1
West Dock Street	0	0	0	0	0	0	1
Wheeler Street	0	0	0	0	0	0	3
Woodcock Street	0	1	0	0	3	0	4
NEWLAND.							
Alexandra Road	0	0	0	0	0	1	0
Beverley Road	0	0	0	0	0	1	0
Chestnut Avenue	0	0	0	0	0	1	0
Clough Road	0	0	0	0	0	0	1
Clumber Street	0	0	0	0	0	0	1
De Grey Street	0	0	0	0	0	0	1
Ella Street	0	0	0	0	1	0	0

	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhœa.
Grafton Street	0	0	0	0	0	1	1
Hardy Street	0	0	0	0	0	0	1
May Street	0	1	0	0	0	0	0
Newland Avenue	0	0	0	0	0	0	1
Reynoldson Street	0	0	0	0	1	0	0
Sharp Street	0	0	0	0	0	0	1
STONEFERRY.							
Buxton Grove	0	0	0	0	0	1	0
Chestnut Villas	0	0	0	0	0	0	1
Stephenson's Road	0	0	0	0	0	0	1
Stoneferry Road	0	0	0	0	0	1	0

TOWN HALL,
HULL, 1901.

To the Medical Officer of Health.

SIR,

I beg to present you my Report upon the work done in the Nuisance Inspector's Department during the year 1900, in the usual tabular form.

In one or two cases I have appended the totals of similar tables for 1899, for your more ready comparison.

I am, Sir,
Your obedient Servant,
C. W. EVINGTON,
Cert. Assoc. San. Inst.

No. 16.—Table shewing the number of Nuisances dealt with by legal notice in 1900 :—

Orders given to Abate.	No. of Nuisances.
To Cleanse choked gullies	716
,, Provide and repair defective pavement	492
,, Provide sanitary gullies	245
,, Repair privies	326
,, Remove or disconnect privies from houses	8
,, Provide privy accommodation	...
,, Provide new sanitary pipe drainage	266
,, Cleanse choked drains	382
,, Cleanse and limewash dirty premises	32
,, Erect, cleanse and repair spouting	41
,, Remove offensive refuse	15
,, Remove manure	23
,, Remove stagnant water	30
,, Disconnect sink waste-pipes from drains	8
,, Disconnect spouts from drains	21
,, Relay or repair drains	44
,, Repair roofage	44
,, Abate stench nuisances	5
,, Remove pigs and erect new sties	7
,, Abate smoke nuisances	27
,, Erect and repair water-closets	92
,, Abate nuisances from damp walls	3
,, Erect and repair manure-steads	33
,, Erect and repair urinals	1
,, Provide dust-bins	31
,, Remove poultry, pigeons and animals	23
,, Cease overcrowding of premises	11
,, Repair or close dilapidated premises	3
,, Provide ventilation under ground-floor	9
Total	2938

No. 17.—Record of Drainage done by order of legal notice during the year 1900.

Number of Houses provided with New Drains in lieu of Defective Drainage...	492
Number of Areas and Back Passages drained	84
Number of Sanitary Gullies provided...	437
Length of new Sanitary Pipe Drainage..	10381 feet
Square feet of Pavement (New) ...	57829

Record of work done by letter or private arrangement during the year 1900.

Houses provided with new drainage ...	198
Length of Drainage	4220 feet
Sanitary Gullies	180
Houses provided with new pavement ...	34
Water Closets provided...	70
Privies provided, repaired or disconnected	10
Square feet of pavement	16697
Areas Drained and Paved	28
Drains, Gullies, and Premises cleansed.	50
Intercepting Traps provided	5
Removals of Manure	3
Urinals provided...	5

OFFENSIVE TRADES AND SMOKE NUISANCE REPORT.

For the Year ending December 31st, 1900.

Offensive Trades (Day Inspection)	2090
,, ,, (Night Inspections)	102
Smoke Inspections	544
Pigsties Inspected	1245
Total	3981

No. 18.—TABLE SHEWING CASES OF ZYMOTIC DISEASES INVESTIGATED DURING 1900.

DISTRICTS.	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Fevers.	Diarrhœa.	Erysipelas.	Continued Fever.	Puerperal Fever.	Total.
Drypool	35	1043	221	24	2	...	52	56	36	6	2	1477
Sutton	6	324	52	6	3	...	17	17	19	...	1	445
East Sculcoates	14	502	107	16	3	5	18	48	38	2	5	758
West Sculcoates	6	704	221	9	1	4	19	25	26	2	3	1020
Humber	4	45	18	...	1	7	11	7	9	...	...	102
Myton	27	794	339	26	...	5	75	104	72	6	4	1452
Newington	10	271	195	11	5	8	24	65	22	1	...	612
Newland	1	148	62	6	2	1	6	5	4	...	...	235
Stoneferry	...	8	2	1	...	...	1	2	2	...	...	16
Marfleet	...	12	...	...	...	...	...	...	1	...	...	13
Totals	103	3851	1217	99	17	30	223	329	229	17	15	6130

No. 19.

Table shewing number of Articles, also Books from the Public Libraries, disinfected at the Hospital, and Houses Fumigated, during the year 1900.

MONTHS.	No. of Books.	No. of Articles.	HOUSES FUMIGATED.	
			DISTRICTS.	No. of Houses.
January ...	43	1436	Drypool	1326
February ...	14	1508	Sutton.....	389
March	32	1292	East Sculcoates...	339
April	42	1439	West Sculcoates...	969
May	44	1788	Humber	402
June	37	1789	Myton	800
July	16	1856	Newington	600
August	113	1393	Newland	290
September	10	1480	Stoneferry	7
October	15	1261	Marfleet	15
November...	20	1849		
December...	53	1609		
Totals for year	439	18700		5137

No. 20.—Table shewing number of Applications made at the Sanitary Office for the attendance of the Night-soil Contractors, with *bona-fide* complaints.

Date. 1900.	No. of Applications.	No. of Bona-fide Cases.	Night-soil.	Dry-dust.
Jan. 6	350	19	6	13
,, 20	263	33	2	31
Feb. 3	223	3	1	2
,, 17	174	—	—	—
March 3	228	5	2	3
,, 17	203	10	5	5
,, 31	198	5	3	2
April 14	207	1	—	1
,, 28	267	—	—	—
May 12	287	1	1	—
,, 26	253	4	2	2
June 9	228	2	—	2
,, 23	244	3	2	1
July 7	222	—	—	—
,, 21	253	6	2	4
Aug. 4	222	4	1	3
,, 18	170	—	—	—
Sept. 1	219	2	2	—
,, 15	195	6	1	5
,, 29	206	3	2	1
Oct. 13	239	4	—	4
,, 27	182	7	2	5
Nov. 10	165	10	6	4
,, 22	132	4	—	4
Dec. 8	180	9	—	9
,, 22	144	1	1	—
Total, 1900	5654	142	41	101
Total, 1899	4783	130	43	87

No. 21.

Table shewing number of Registered and Licensed Premises which require inspection.

Description of Premises.	No.
Common Lodging Houses	36
Slaughter Houses	72
Fish Curing Houses	54
Cow Sheds (2700 Cows)	265
Milk Shops	968
Tripe Boiling Houses	12
Fat and Tallow Melting Works	11
Soap Boilers	4
Bone Boiling Works	4
Gut Scraping ,,	4
Knackeries	2
Fish Manure Works	2
Cod Liver Boilers	6
Total	1440

No. 22.

Table of Common Lodging Houses, their situation, and the number of Rooms and Lodgers.

STREETS.	No. of Houses.	No. of Rooms.	Registered No. of Lodgers.
Blanket Row	5	41	302
Charlotte Street	1	15	80
Cross Street	1	5	23
Dock Street	4	23	146
Empringham Street	1	10	72
Finkle Street	1	8	27
Garden Street	2	8	22
Great Union Street	3	23	191
Little Humber Street	1	13	75
Mill Street	4	22	75
Myton Place	1	7	42
Osborne Street	2	11	58
Robinson Row	1	8	33
Salthouse Lane	3	24	160
Waltham Street	1	5	36
Waterhouse Lane	2	14	106
Waverley Street	1	17	97
West Street	2	13	70
Totals	36	267	1615

No. 23.

Table shewing Meat, Fruit, Fish, &c., seized and condemned by the Inspectors, and destroyed as unfit for human food during the year 1900.

Kind of Food Destroyed.	Quantity in lbs.
70 Beast Carcases	29400
121 Sheep Carcases	6776
60 Calf Carcases	5040
38 Pig Carcases	3192
27 Lamb Carcases	1134
Meat, &c.	20202
Fruit, &c.	284358
Vegetables	182754
Fish	154903
Mussels, Cockles, &c.	65103
Rabbits, Game, Poultry and Eggs	6956
Total in lbs.	759818
Total for 1899	1774399

No. 24.—TABLE SHEWING APPLICATIONS FOR LICENSES AND REGISTRATIONS DURING THE YEAR 1900.

Name.	Premises.	Places Registered.	Result.
Joseph Gelman	9, Goodwin Street	Cowshed and Dairy	Granted.
G. T. Grassby	31, Paisley Street	Do.	Do.
W. Stanton	6, West Dock Street	Do.	Do.
T. G. Rowntree	Knowsley Cottages, Dansom Lane	Do.	Do.
Slater Bros	Waterhouse Lane	Wholesale Dealers in Margarine	Do.
Short Bros.	39, Salthouse Lane	Do.	Do.
Doughty & Hare	15, Bishop Lane	Do.	Do.
Soulsby & Wood, Ltd.	21, Blackfriargate	Do.	Do.
R. F. Backwell	1, Spencer Street	Do.	Do.
Krugen & Co	38, Little Humber Street	Do.	Do.
C. Whitfield	28, Bishop Lane	Do.	Do.
Haagenson, Watt & Co	Queen's Dock Side	Do.	Do.
Maypole Dairy Co., Ltd	4, Market Place	Do.	Do.
Do.	36, Hessle Road	Do.	Do.
Do.	35, Prospect Street	Do.	Do.
Jarman & Flint	Carr Lane	Do.	Do.
Danish Dairy Co	41, Blanket Row	Do.	Do.
T. G. Pape & Co	31, Bishop Lane	Do.	Do.
Work Bros	136 & 136a, Hessle Road	Do.	Do.
R. A. Noble	6, Collier Street	Do.	Do.

TABLE No. 24.—*Continued.*

Name.	Premises.	Places Registered.	Result.
C. Shaw & Co.	Paragon Street	Wholesale Dealers in Margarine	Granted.
J. Shaw & Son	12 & 13, Dagger Lane	Do.	Do.
Hy. Kunau	22, High Street	Do.	Do.
B. Smith	72, Charles Street	Do.	Do.
Hall & Sons	22 & 23, Blackfriargate	Do.	Do.
Danish Butter Co.	214, Beverley Road	Do.	Do.
J. C. Day	8, Carlisle Street	Do.	Do.
W. E. Adamson	16, Cambridge Street	Cowshed and Dairy	Do.
G. Standaloft	Endyke Lane	Do.	Do.
S. Hoyes	1, Blundell Street	Tripe Dresser	Not Granted.
S. Hoyes	Brown's Yard, Spencer Street	Do.	Granted.
C. H. Schumm	431, Hessle Road	Slaughter-house	Do.
Finningley & Co.	40, Blanket Row	Wholesale Dealers in Margarine	Do.
J. Walker	90, Edinburgh Street	Cowshed and Dairy	Do.
G. H. Sergeant	73, Alexandra Road	Do.	Do.
Butter Importers' Association	64, High Street	Wholesale Dealers in Margarine	Do.
J. Dalton & Co.	80 & 81, Mytongate	Do.	Do.
J. C. Day	9, Scale Lane	Do.	Do.
Venora Soap Co.	Lime Street	Soap Maker	Do.
J. Richardson	9, Rosebery Avenue, Newland Avenue	Cowshed and Dairy	Do.
J. Weldon	232 & 234, Newland Avenue	Do.	Do.

TABLE No. 24.—*Continued.*

Name.	Premises.	Places Registered.	Result.
Loesch & Seddon	5, Blanket Row	Wholesale Dealers in Margarine ...	Granted.
J. W. Pinder	Hanover Chambers, Hanover Square.....	Do. ...	Do.
W. Rimann & Co.	121, High Street.....	Do. ...	Do.
C. Longley	31, Grafton Street	Cowshed and Dairy	Do.

No. 25.—TABLE SHEWING SAMPLES TAKEN UNDER "FOOD AND DRUGS ACT," AND RESULTS.

Description of Sample.	No. of Samples.	Pure.	Adulterated &c.	Prosecutions.	Results.
Ale	77	77	...	...	.....
Bread	8	8	...	...	.....
Butter	25	25	...	...	.....
Castor Oil	10	10	...	...	.....
Cod Liver Oil	3	3	...	...	.....
Coffee	23	20	3	3	Fined 40s. and costs. Fined 30s. and costs. Fined 20s. and costs.
Flour	16	16	...	...	.....
Golden Syrup	6	4	2	2	Fined 10s. and costs. One case withdrawn.
Lard	19	19	...	...	.....
Milk (New)	152	142	10	7	Fined 25s. and costs (1 case). Fined 15s. and costs each (3 cases). Fined 10s. and costs each (2 cases). One case withdrawn.
Mustard	17	16	1	...	.....

TABLE No. 25—*Continued.*

Description of Sample.	No. of Samples.	Pure.	Adulterated &c.	Prosecutions.	Results.
Oatmeal	21	21	...	...	.....
Paregoric	6	2	4	4	Fined 10s. and costs each (3 cases). One case dismissed.
Pepper	11	11	...	...	.....
Rice	5	5	...	...	.....
Sugar	21	21	...	...	.....
Sweet Spirits of Nitre	10	9	1	1	Fined 10s. and costs.
Vinegar	5	5	...	...	.....
Whiskey	23	18	5	1	Fined 40s. and costs.

No. 26.—TABLE SHEWING SANITARY PROSECUTIONS, 1900.

Date.	Offence.	Result.
1900.		
January 19th.....	Selling Milk deprived of 9·7 % of its fat	Fined 10s. and costs.
February 16th.....	Do. adulterated with 6·59 % of added water	Fined 15s. and costs.
April 10th.....	Do. do. 10·48 % do.	Fined 25s. and costs.
,, 10th.....	Do. do. 13·3 % do.	Fined 10s. and costs.
,, 19th.....	Contraventions of Canal Boats Act	Fined 2s. 6d. and costs.
,, 27th.....	Do. do.	Fined 7s. 6d. and costs.
May 11th.....	Do. do.	Fined 20s. and costs.
,, 25th.....	Selling Paregoric devoid of Tincture of Opium	Fined 10s. and costs.
June 8th.....	Do. do. do.	Dismissed.
,, 8th.....	Do. do. do.	Fined 10s. and costs.
,, 8th.....	Do. do. do.	Fined 10s. and costs.
,, 8th.....	Selling Sweet Spirits of Nitre deficient in Nitrous Ether 54½ %	Fined 10s. and costs.
,, 22nd.....	Do. Coffee adulterated with Chicory	Fined 40s. and costs.
,, 22nd.....	Do. do. do.	Fined 30s. and costs.
,, 22nd.....	Do. do. 20 % of Chicory	Fined 20s. and costs.
July 6th.....	Do. Milk deprived of 7·3 % of its fat	Fined 15s. and costs.
,, 6th.....	Do. do. 8·7 % do.	Fined 15s. and costs.
,, 20th.....	Do. do. 12 % do.	Withdrawn.
,, 20th.....	Do. Cherries unfit for human consumption	Fined 10s. and costs.
September 28th.....	Non-compliance with order to abate smoke nuisance	Withdrawn, defendants paying costs and giving undertaking
October 26th.....	Selling Whiskey adulterated with 14·98 % of added water	Fined 40s. and costs.
December 21st.....	Do. Golden Syrup adulterated with Glucose Syrup	Fined 10s. and costs.
,, 21st.....	Do. do. do.	Withdrawn.

ANNUAL REPORT OF THE INSPECTION AND REGISTRATION OF CANAL BOATS.

For the Year Ended 31st December, 1900.

Boats inspected	2258
Additional inspections made to ascertain if notices served had been complied with	195
Total number of inspections	2453
Boats in good order...	2073
Contravening the Acts	185
	2258

The 2258 boats inspected during the year are registered to accommodate 13324 adult persons, whilst only 4885 adults, of which 3895 were males and 990 were females, and 782 children were found occupying the said boats.

The number of children of school age, found on the boats registered by this Authority, was 124.

Particulars of Contraventions.

		Defects.	Remedied.
Not properly lettered and numbered		79	75
Absence of certificates		32	31
Requiring repairs :—			
Decks	9		
Decks, stoves and floors	6		
Stoves, cupboards and water casks ...	8	30	30
Decks and bulkheads...	2		
Cupboards, &c. ...	3		
Additional light ...	2		
Certificates not identifying owners or boats...		12	10
Requiring renewal of paint ...		65	63

Carried forward ...

Brought forward ...		
Change of Master not notified ...	6	6
Not in a cleanly condition ...	5	5
Over-crowding	1	1
Not properly ventilated	2	2
Females over age	1	1
Refusal of admittance to Inspector	—	—
Accumulation of bilge water ...	—	—
Carrying offensive cargoes without the requisite double bulkheads	4	4
Unregistered boats	1	0
	238	228

In reference to the 10 contraventions unremedied, notices have been sent either to the Owner or Masters, which I expect will be shortly complied with.

The 11 contraventions existing when the last annual report was presented have since been remedied.

Notices and letters issued during the year, 345.

In addition to the written notices or letters sent to the Owners, the Masters of all boats contravening the Acts or Regulations have been verbally cautioned.

INFECTIOUS DISEASES.

No case of Infectious Disease has been reported on any Canal Boat in Hull during the year, although it has been brought to the knowledge of the Medical Officer of Health that in two instances boats registered under this Authority have had cases of Infectious Disease removed to Hospital on their arrival at their place of destination, the particulars of which are as follows, namely :—

Scarlatina.

In consequence of a letter, dated the 18th October, received from the Medical Officer of Health, Sheffield, stating that he had received information that a case of Small Pox had occurred on board the Canal Boat "Henry,"

registered No. 408, Hull, and asking what risk there was in taking the cargo (3000 pieces of timber) up to Sheffield, and whether this Authority was going to have the boat unloaded for disinfection, your Medical Officer of Health instructed the Canal Boats Inspector to investigate the matter, and he reported as follows :—

Your Inspector went in search of the boat named, and found that it had left Hull for Sheffield, in the charge of the Master, by the morning tide on the 17th October. He proceeded to the Master's residence, where he learned that the Master, aged 30 years and his two children, aged 7 and 2½ years, had been suffering from Scarlatina. They had been medically attended and were duly notified as suffering from Scarlatina on the 24th September and the 6th and 10th October respectively.

The usual investigation was made by the District Inspector, and printed precautions left at the house as to the precautions to be adopted to prevent the spread of the disease.

No intimation had been received of the convalescence of the patients, or that the house was ready for disinfection.

Subsequently, your Deputy-Medical Officer of Health visited the house referred to, and found that the two children named were desquamating. They were both removed to the Sanatorium, and the house thoroughly disinfected.

The second case occurred on board the "Thomas Marston," Reg. No. 438, Hull. On the 11th December information was received from the Owners of the boat that the Mate, aged 21 years, had been removed to Hospital at Leeds suffering with Typhoid Fever, and that the boat had been disinfected and had now returned to Hull.

Legal Proceedings.

In three cases legal proceedings were deemed necessary during the year.

On 31st July the Master and Owner of the Canal Boat "Only Son," Registered No. 426, Hull, was fined 7s. 6d. and

costs for not having a Certificate of Registration on board the boat, and also for not having the registration letters and number painted at the sides or the stern of the boat, in accordance with the provisions of the Acts. He had previously been cautioned.

On the 31st July the Master of the Canal Boat "Glide," Registered No. 168, Doncaster, was fined 2s. 6d. and costs for not having the registration letters and number painted on the sides or stern of the boat, in accordance with the provision of the Acts. His attention had previously been drawn to the offence.

On 21st August the Master and Owner of the Canal Boat "Sarah Ann," Registered No. 66, Hull, was fined 20s. and costs for contravening the Canal Boats Acts by having the registration letters and number of his boat so defaced as not to be clearly visible. He had been repeatedly cautioned about the same offence.

Registration Department.

Total number of boats on the register 31st December, 1899	349
Registered during the year	13
	362
Cancelled during the year	2
Total number on the register 31st December, 1900	360

Particulars of boats registered during the year:—

Not previously registered	8
Owing to change of ownership or boats' name, and certificates being lost	5
Total ...	13

Particulars of boats, the registration of which has been cancelled during the year :—

Unfit to be occupied as dwellings	1
Lost or broken up	1
Total ...	2

Change of master on 22 boats, of ownership on 14 boats, and of boats' names in 3 cases, have been registered during the year.

Either from personal knowledge or correspondence, I am able to state that the 360 boats on the register at the end of the year are in actual use at the present time.

Inspector's salary, per annum with uniform, £100.

Vessels Registered under the Merchant Shipping Act, and only used for River Traffic.

I would respectfully draw attention to the way in which the owners of many Canal Boats evade the provisions of the Canal Boats Acts by having such boats registered under the Merchant Shipping Act.

Of late years a number of boats, plying regularly on the canals in this district, and which were formerly registered under the Canal Boats Acts, and also a number of new boats, designed and being used for canal traffic, which are precisely the same in build and used for similar cargoes as boats now under the operation of the Acts, have been registered under the Merchant Shipping Act, doubtless, in many cases, to evade the provisions of the Canal Boats Regulations.

As an illustration, I quote a very striking case which came under your late Inspector's notice during the year 1898. The owner and master of the Canal Boat "Friendship," already referred to as having been fined on March 17th of that year for committing a breach of the Acts, was found by your Inspector, on November 9th, using this boat in contravention of the same section of the Act. When informed that if he persisted in ignoring the provisions of the

Acts he would be reported to the Sanitary Committee, he replied that he would register his boat with the Board of Trade, and that this Authority would then be unable to interfere with him. He has since done so.

There is a further number of boats which were formerly employed in the coasting trade, and are registered under the Merchant Shipping Act, which have ceased to be so used, and are now regularly trading upon the canals.

The total number of boats above referred to which are being ordinarily used for the conveyance of goods upon the canals of this district, without being registered under the Canal Boats Acts, are not less than 120, which number is gradually increasing.

During the past four years over 70 boats have been registered in this Port under the Merchant Shipping Act by the Board of Trade, whilst only 103 have been registered by this Authority under the Canal Boats Acts.

Unless the power vested in the Local Government Board by virtue of Section 10 of the Canal Boats Act of 1884 be exercised, so as to make it absolutely necessary for all boats ordinarily used for the conveyance of goods upon any canal to be registered under the Canal Boats Acts, notwithstanding such boats being registered under the Merchant Shipping Acts, the statutory benefits intended to be conferred upon the Canal Boats population will be lost in a considerable number of cases.

Factory and Workshop Act, 1891 and 1895.
Shop Hours Acts, 1892 to 1895.

General Remarks.

The tendency to the distribution of business premises over a larger area of the City, mentioned in my last report, has continued throughout the past year. This applies more particularly to the clothing and building trades in respect to workshops, and to shops generally.

There has been a steady increase in the number of shops in which young persons are employed, and of the number of young persons employed therein.

There is an increasing tendency to employ school boys after school hours, and on Saturdays as errand boys. This is probably owing to the difficulty which employers experience in otherwise finding boys of a suitable age, and is due to the school regulations. I regret to say that employers complain very much that they cannot obtain reliable boys over school age for this and similar kinds of work.

Although the number of new workshops opened during the year exceeds the number of any of the past three years, the net number of workshops on the register shews a marked decrease. This decrease is most evident in the clothing, cabinet-making and building trades, and is most probably due to two or three main causes, namely, local depression of trade and lack of employment for the artizan classes, the relaxation of building operations, and the installation of electric motors and small gas engines, thereby converting workshops into factories.

The total number of inspections made during the year exceeds the number of any previous year, and, although the contraventions of the Acts have been about as numerous as in previous years, they have not, generally speaking, been so serious in character.

Factories.

The visits made have been principally to new factories to ascertain if proper sanitary conveniences were provided for the

persons employed therein, and in several cases it was found necessary to enforce the provisions of the Public Health Acts in respect thereto.

Thirteen complaints were received during the year from Her Majesty's Inspector of Factories in respect to sanitary matters in factories and workshops, each of which received due attention, and in twelve instances the work necessary has been carried out, whilst in the remaining case there was found, on examination, to be no cause for complaint.

Workshops.

The workshops in the city have been kept under systematic inspection. Most of them have been visited once during the year, many twice, and, where found to be necessary, more frequent inspections have been made. The whole have been maintained in a fairly good sanitary condition.

Fire Escapes.

The means of escape in case of fire in factories and workshops have been kept under systematic inspection, and it was found necessary to improve the means of escape in seven factories. The necessary work has been completed in four cases, and is in progress in the remaining three.

Two certificates have been granted to new factories during the year. A notable feature in this connection has come under the notice of your Inspector in respect to silo buildings. These buildings range from 90 to 120 feet in height, with a floor at the top approached by means of a hoist, or single stairway. Usually only one or two men are employed at the top of such buildings, but should by any means a fire occur at or near the stairway it would be impossible for any man working on the top floor to escape. Three of such buildings have been discovered in connection with flour and oil mills, and the owners have been requested to provide a secondary way of escape. The work in connection therewith is now in progress.

Bakehouses.

The bakehouses coming under your control have been kept under a systematic half-yearly inspection. Several bakehouses have been greatly improved by alteration or reconstruction, and I am pleased to note that glazed brick linings to the walls are coming into more general use. Such walls admit of more frequent and thorough cleansing than is possible with ordinary brick or plastered walls. Three or four of the older bakehouses have been demolished for city improvements, and one or two others have been closed owing to the provision of more modern bakehouses in the vicinity.

Outworkers.

The work done under this heading has been principally that of examining the employers' lists and noting the changes of address of occupiers of small workshops.

Shop Hours and Seats for Shop Assistants Acts.

These Acts have received a fair amount of attention, and have, for the most part, been very well obeyed. During the latter part of the year there was a satisfactory tendency to the reduction of shop hours generally, and there has been less desire on the part of occupiers to keep their shops open during the Thursday afternoons preceding Bank Holidays. In cases where the shops have been kept open the Assistants have been allowed to leave business by 4 or 5 o'clock, thus avoiding excessive hours of employment during those weeks.

I am still strongly of opinion that a day's work should be the limit under these Acts, and that all females should be included; also that the employment of school children in barbers' shops should be prohibited, and in other trades at any rate limited.

The first year's experience of the Seats for Shop Assistants Act has been very satisfactory, and the circular issued by your Committee's order at the end of the preceding year has had very satisfactory results. The cases of neglect to

provide seats of one kind or another have been comparatively few indeed, and in all such cases seats have been provided at the request of your Inspector.

The character of some of the fixed seats provided gives ground for criticism. Ordinary stools or chairs behind the counter are preferred by the assistants, and undoubtedly are more comfortable, the objection to them being that they get removed, and are not in position when required; and although no complaints have been received that the assistants are not allowed to keep such seats behind the counter, they have frequently to be replaced on the Inspector's visit.

PROSECUTIONS INSTITUTED BY THE SHOP HOURS AND SANITARY INSPECTOR.

Date.	Offence.	Result.
1900.		
Jan. 10th.....	Employing a young person for a greater number of hours than is allowed by the Shop Hours' Act, 1892.	Fined 10s. and costs.
,, 10th.....	Do. do. do.	Fined 1s. and costs.
,, 25th.....	Do. do. do.	Fined 5s. and costs.
April 6th.....	Do. do. do.	Fined 1s. and costs.
,, 6th.....	Do. do. do.	Fined 1s. and costs.
,, 6th.. ...	Do. do. do.	Fined 1s. and costs.
,, 6th.....	Do. do. do.	Fined 1s. and costs.
July 18th.....	Employing a young person in a workshop, and afterwards employing him on the same day over legal time in contravention of the Shop Hours' Act, 1892.	Fined 5s. and costs.
	Do. do. do.	Fined 7s. 6d. and costs.
,, 18th.....	Employing a young person for a greater number of hours than is allowed by the Shop Hours' Act, 1892.	Dismissed. The Magistrate remarked that the evidence just fell short of supporting a conviction.
,, 31st.....		

FACTORY AND WORKSHOPS ACTS, 1891 AND 1895. SHOP HOURS ACTS, 1892 TO 1895.

Tabulated Statement of Inspections, Result of Inspections, Notifications to H.M. Inspector, &c.

Inspections.	No.	Results of Inspection.	No.	Notifications to H.M. Inspector, &c.	No.
Workshops	1795	Nuisances and Sanitary Defects	293	Unregistered Workshops in which protected persons were found employed	216
Factories	108	Firms' places out of order	264	Workshops where Factory forms were not exhibited	47
Bakehouses	208	Nuisances and Sanitary Defects amended	281	Removals, and Workshops closed	281
Laundries	24	Firms' places put in order thereby	264	Workshops registered	337
Outworkers' premises	70	Means of escape in case of fire required	5	Bakehouses registered	6
Visits to supervise work in progress, &c	1038	Escapes provided	4	Laundries registered	1
Fire escapes	50	Shops in which notice was not properly exhibited (requested to comply)	200	Employers of Outworkers registered	11
Shops visited	1787	Shops exempt from the Act	304	Shops in which young persons are employed registered	188
Lists of Outworkers	65	Shops in which there was excess of hours	12	Shops in which females are employed registered (Shop Seats Act)	386
		Shops in which seats were required	14		
Total inspections	5145	Shops in which seats have been provided by request	12		

Detailed statement of Sanitary Conveniences provided.

Privies.		Water-Closets.		Urinals.	
New.	Repaired.	New.	Repaired.	New.	Repaired.
9	6	40	4	6	5

Detailed statement of Drainage and Pavement work done.

Length of New Drains.	Number of Gullies and other Traps.	Area of New Pavement.
878 feet.	16	200 square feet.

SHOP HOURS ACTS, 1892 to 1895.

SEATS FOR SHOP ASSISTANTS ACT, 1899.

Number of Shops on the Register and number of Young Persons and Females employed therein.

Number of Shops in which young persons are employed	2119
Number of young persons employed in the same	3228
Number of Shops in which females are employed	425
Number of females employed in the same	1030

OUT-WORKERS.

Trade.	Employers.	Outworkers.
Manufacturers of Wearing Apparel	116	478
Cabinet Makers and Upholsterers	7	10
Total	123	488

WORKSHOPS.

Table shewing the trades, number of workshops at present on the register, and number of each sex employed when first inspected.

TRADES.	Number of Workshops	Hands Employed.	
		Males.	Females.
Art Needle Workers	5	—	17
Bag Makers	12	14	90
Bakers	109	286	21
Basket Makers	13	45	4
Boat Builders	6	22	—
Boot Makers	66	202	2
Bottlers of Beer, &c.	20	66	—
Brush Makers	8	52	9
Cabinet Makers	56	239	22
Chair Makers	2	63	—
Coach Builders	7	56	—
Confectioners	22	52	14
Coopers	29	134	—
Cork Cutters	5	14	—
Cycle Repairers	19	52	3
Dressmakers	250	7	1233
Firewood Cutters	10	37	4
Fish Kit Makers	1	6	—
Hosiery Knitters	7	—	23
Joiners	113	368	—
Lath Renders	7	32	—
Laundries	16	5	107
Leather Curriers	2	7	—
Maltsters	4	12	—
Marble Masons	4	10	1
Carried forward ...	793	1781	1550

TRADES.	Number of Workshops	Hands Employed.	
		Males.	Females.
Brought forward...	793	1781	1550
Mast and Block Makers ...	3	9	—
Milliners	50	—	221
Netbraiders	6	—	188
Painters	11	25	7
Picture Frame Makers	6	15	—
Polishers	18	43	1
Plumbers	51	244	—
Rag Sorters	5	—	38
Ropeworkers	7	55	1
Saddlers	18	45	1
Sailmakers	12	40	—
Shirt Makers	3	—	11
Slippermakers	7	59	8
Smiths	55	204	—
Tailors	236	466	391
Tinsmiths	34	92	—
Upholsterers	18	26	44
Venetian Blind Makers ...	3	9	2
Watch and Clock Makers	33	84	3
Weighing Machine Makers	6	19	—
Wheelwrights	15	63	—
Wireworkers	2	8	—
Wood Carvers	6	25	—
Sundry Trades	81	212	264
Totals	1479	3524	2730

TABULATED STATEMENT shewing the Sanitary Districts, Estimated Population, and work done during the year 1900.

District.	District Boundaries.	Estimated Population.	Inspectors.	General Nuisances.				Drainage.			Manure-yards, &c., Inspected.	Milk Shops.		Infectious Diseases.				
				No. of Complaints Registered.	No. of Notices Served.	No. of Nuisances Abated.	No. of Houses, &c., Inspected.	No. of Choked Drains, Defective W.C.'s, Privies and Traps remedied.	No. of New W.C.'s and New Drainage provided.	No. of Supervisions of Drainage and other Works in progress.		No. of Inspections.	No. not in conformity with the Order.	No. of Cases Notified.	No. of Cases Investigated.	No. of Removals.	No. of Disinfections	No. of Fever Pails supplied.
1	S. Side River Humber, W. Side City Boundary, S. Side Hessle Road, E. Side Walker Street, S. Side Anlaby Road, Carr Lane to Monument Bridge, and W. Side Prince's and Humber Docks.	38243	Assistant Inspector of Nuisances, J. A. Fraser. Sanitary Officer .....J. Caws.	52	333	439	1591	357	63	917	88	222	...	670	677	68	551	61
2	S. Side Anlaby Road from W. Side Walker St., N. Side Hessle Road and the City Boundary.	38494	Assistant Inspector of Nuisances, J. M. Scorrer. Sanitary Officer.....H. Monson.	31	300	577	1770	406	80	1104	93	272	1	678	845	53	606	52
3	N. Side Anlaby Road, City Boundary, S. Side Spring Bank, E. Side Prospect, Carlisle and Chariot Streets.	28537	Assistant Inspector of Nuisances, J. W. Hardy, Sanitary Officer.....H. Terry.	33	179	372	1792	165	51	408	112	88	...	449	500	68	369	22
4	N. Side Spring Bank, W. Side Beverley Road, N. and W. City Boundary.	21348	Assistant Inspector of Nuisances, J. O. Vaughan. Sanitary Officer .....J. B. Taylor.	40	157	322	1230	117	57	388	113	127	...	702	882	59	444	21
5	E. Side Beverley Road. N. Side Marlbro' Terrace and Cottingham Drain, W. Side River Hull and N. City Boundary.	30442	Assistant Inspector of Nuisances, R. Scott. Sanitary Officer, A. W. Chesterfield.	35	285	304	1601	246	53	457	136	174	...	830	1128	86	635	42
6	S. Side Marlbro' Ter. and Cottingham Drain, W. Side River Hull, E. Side Prospect and Chariot Streets, N. Side Carr Lane and St. John St., E. Side Prince's & Humber Docks.	27810	Assistant Inspector of Nuisances, A. Rowland. Sanitary Officer.....J. Wallis.	97	185	328	1507	246	68	547	61	195	...	223	262	45	145	13
7	W. Side River Hull, N. Side Witham and Holderness Road, E. and N. City Boundary.	27936	Assistant Inspector of Nuisances, F. Stebbings. Sanitary Officer.....J. Thompson.	29	360	419	1737	269	62	709	147	209	...	691	739	60	529	39
8	S. Side Witham and Holderness Road, W. Side River Hull, S. River Humber, E. City Boundary.	25926	Assistant Inspector of Nuisances, R. B. Salter. Sanitary Officer...H. Attenborough	19	336	316	1718	242	51	711	146	204	...	1096	1097	73	640	61
	City Total	238736		336	2135	3077	12946	2048	485	5241	896	1491	1	5339	6130	512	3919	311

No. 27.—TABLE SHEWING THE NUMBER OF ANIMALS LANDED AT THE CITADEL SITE DEPOT, FOR THE YEAR ENDED 1900.

Quarter Ended	Beast.	Calves.	Sheep.	Pigs.	Total.	Total Landed Dead.				
						Beast.	Calves.	Sheep.	Pigs.	Total.
March 31st.....	1740	...	...	...	1740	...	...	...	...	...
June 30th	2152	...	...	...	2152	...	...	...	...	...
September 30th...	1652	...	...	...	1652	...	...	...	...	...
December 31st ...	3257	...	...	...	3257	...	...	...	...	...
Total	8801	...	...	...	8801	...	...	...	...	...
Total, 1899.....	9140	...	...	...	9140	...	...	...	...	...
,, 1898.....	8259	...	1766	...	10025	...	...	1	...	1
,, 1897.....	8827	...	...	...	8827	...	...	...	...	...
,, 1896.....	6549	...	6576	...	13125	...	...	1	...	1
,, 1895.....	2631	...	1366	...	3997	...	...	3	...	3
,, 1894.....	5068	...	773	...	5841	...	...	2	...	2
,, 1893.....	2497	...	...	...	2497	1	...	...	...	1
,, 1892.....	5553	...	...	2634	8187	2	...	...	13	15
,, 1891.....	4939	5816	86	...	10835	4	13	...	...	17
,, 1890.....	5493	5922	250	1418	13083	4	3	...	...	7
,, 1889.....	3891	5204	16837	20921	46853	2	...	3	19	24
,, 1888.....	4153	5190	39512	16748	65603	No return.				
,, 1887.....	2887	6339	42305	1954	53485	Do.				
,, 1886.....	1637	7491	61108	2617	72853	Do.				
,, 1885.....	3017	8410	23490	679	35596	Do.				

All the above 8801 Beast were from New York, U.S.A.

SANITARY DEPARTMENT.

Expenditure for the year, from April 1st, 1900, to March 31st, 1901.

	£	s	d
Nightsoil Collection	12134	13	5
New Carts and Repairs to Carts	1285	17	7
Dry Dust and Refuse	126	2	6
Destructor	1633	14	4
Garrison Hospital	243	16	5
Sanatorium	6789	9	11
Evan Fraser Hospital	2460	5	8
Disinfectants	468	18	9
Office and Departmental Expenses	1898	5	4
Wages	780	10	0
Mortuary	98	13	6
Printing and Stationery	280	12	2
Notification of Infectious Diseases (Act)... ...	659	19	0
Special Sanitary Work	427	2	7
Unhealthy Dwellings	258	8	4
Disinfecting Station	1388	19	8
	£30935	9	2